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FLORIDA ATLAS OF BREEDING SITES FOR HERONS AND THEIR ALLIES: 1976-78

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- To gather, analyze, and present information that will aid decisionmakers in the identification and resolution of problems associated with major changes in land and water use.
- To provide better ecological information and evaluation for Department of the Interior development programs, such as those relating to energy development.

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FLORIDA ATLAS OF BREEDING SITES FOR HERONS AND THEIR ALLIES: 1976-78

by

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PREFACE

This document contains the results of aerial surveys of breeding sites for herons and their allies in peninsular Florida from 1976 through 1978. The atlas includes information on 295 colonies located from the Ochlockonee River east through the peninsula and the Keys. Our purpose in publishing this report is to aid resource managers and others concerned with the intelligent management of Florida's natural resources.

Any questions or requests regarding this report should be directed to:

Information Transfer Specialist
National Coastal Ecosystems Team
U.S. Fish and Wildlife Service
NASA-Slidell Computer Complex
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SUMMARY

The first atlas of heron colonies was published in 1978 (Osborn and Custer 1978) and covered the Atlantic coast from Maine to Florida for 1975 and 1976. This atlas is an update of heron colonies for the Atlantic coast of Florida and an initial heron colony coverage for the Florida gulf coast and inland colonies, 1976 through 1978.

Aerial surveys were conducted in April and mid-summer over the Florida peninsula, east of the Ochlockonee River. A total of 295 active nesting colonies, with 22 different species, were located in the three-year period.

Colony locations are shown on 1:250,000 USGS maps and Florida county maps. Colony data forms follow each county map and include information on location, date of census, estimated number of nesting pairs, site description, nesting substrate and proximity to human development.

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ACKNOWLEDGMENTS

This study was a cooperative effort by personnel of the Research Department of the National Audubon Society, the Florida Game and Fresh Water Fish Commission, and the Ornithological Research Division of the Florida Audubon Society.

Major funding for the survey was supplied by the National Audubon Society, the Florida Game and Fresh Water Fish Commission and the Florida Audubon Society. Colonies on the Atlantic coast were surveyed in 1976 under contracts from the U.S. Fish and Wildlife Service as part of their "Biological Indicator and Coastal Ecosystems Program" of the Office of Biological Services (Osborn and Custer 1978).

Information on several colonies not covered during the survey was received from the Colonial Bird Register, operated by the National Audubon Society, and the Cornell Laboratory of Ornithology; and Everglades National Park, courtesy of J.A. Kushlan and O.L. Bass from the National Park Service. Recognition is extended to Kathy Dew, Merlien King, Joy DeMaesschalck for drawing the maps and to Foster Dickard and Jane Anderson for assistance with compiling the data. The cover art was graciously provided by David S. Maehr. Robin White and Jill Parker of the National Coastal Ecosystems Team and Pat Healy of the National Audubon Society contributed a tremendous effort in editing and reviewing the report.

A special thanks goes to Lawrence A. Riopelle of the National Audubon Society, who piloted the survey airplane for major parts of the survey during all three years, played a major role in developing the survey technique, and was the first to spot many new colonies.

INTRODUCTION

The herons, egrets, ibises, spoonbills, and storks that use Florida's wetland habitats are a conspicuous and biologically important part of the State's wildlife resources. Collectively, these wading birds are an integral part of Florida's aquatic ecosystems and its public image.

Wading birds depend upon wetland habitats for nesting and feeding sites. Most waders nest between February and August in colonies that may contain several species and anywhere from a few dozen to thousands of nests. Colony sites may be used in other seasons as roosting sites. The birds fan out daily from the colonies, flying as far as 32 km (20 mi) to feed in a variety of wetland habitats. Most species eat small fish, frogs, aquatic insects, crayfish, or freshwater prawns, while the ubiquitous Cattle Egret eats insects captured in fields, pastures, and along roadsides.

The location and size of nesting colonies depend directly on the presence of suitable nesting habitat and adequate amounts of food. Most colonies in Florida are located in natural wetland habitats characterized by woody vegetation over standing water or on islands. An increasing number of colonies are now being found in human-made habitats such as dredged-material islands and freshwater impoundments. This latter situation might suggest that sufficient natural sites are no longer available.

The number of wading birds nesting in Florida has never been accurately determined, although some attempts to do this have been undertaken. To inventory a large state that contains so many acres of wetland habitats, a concrete and well-organized effort is needed. Wading birds move freely over large geographic regions in response to seasonal and yearly changes in quantity of feeding and nesting habitats. A colony site used one year may be abandoned the next year. Thus, the number of wading birds occurring in a particular region may change, and the long-term record of birds at a single colony may not accurately reflect regional or statewide population trends.

Although absolute numbers were never measured, some historical information on the number of wading birds in Florida does exist. A historical review of population trends of waders in southern Florida (Lake Okeechobee south into Florida Bay) indicates that the estimated total number has "changed drastically over the past century due to human activities, primarily hunting and habitat alteration" (Robertson and Kushlan 1974). The estimated number of south Florida waders dropped from 2,500,000 birds in 1870 to 500,000 in 1910, primarily due to plume hunting, and then increased to 1,200,000 by 1935 after plume hunting was stopped. Increased rates of wetland destruction since 1935 have resulted in a second acute decline, to an estimated 150,000 waders in 1970 (Robertson and Kushlan 1974) and 130,000 in 1975 (Kushlan and White 1977). This recent decline is more pernicious and seems to be continuing. A review of regional wading bird trends in the southeastern coastal plain shows that, with the exception of Cattle Egrets and a few estuarine species, wading birds have experienced greater declines in Florida than in most other coastal states (Ogden 1978). The most serious declines in Florida have occurred among those species inhabiting primarily freshwater habitats and nesting in interior colonies. It has become increasingly apparent that more quantitative information on wading birds and their nesting sites is needed to understand their problems and how they and their habitats may be protected.

Between 1957 and 1959 a continental survey of wading bird populations was conducted by the National Audubon Society, for the most part by mail. In some places in Florida, where coverage was considered inadequate, cooperative aerial surveys were flown by National and Florida Audubon Society personnel. National Audubon surveyed all Florida Wood Stork colonies by air and the majority on the ground in 1957, 1958, and 1959. Other wading birds were surveyed by Florida Audubon personnel in planes supplied by the Florida Game and Fresh Water Fish Commission.

In 1975 and 1976, the Office of Biological Services, U.S. Fish and Wildlife Service, sponsored an inventory of Atlantic coast heronries, including the Florida east coast (Osborn and Custer 1978). Data from 1976 are included in this report.

During the present investigation it became apparent that some colonies had existed at the same sites for many years, while others were active only during one or two years of the three-year study. Rainfall and water levels play a major role in determining colony activity (Ogden et al. 1980), but the reasons underlying colony abandonment, formation of new colonies, and long-term stability of colonies fall beyond the scope of this publication.

METHODS

Aerial surveys were conducted over the Florida peninsula, east of the Ochlockonee River during two periods, first in April or early May and again in mid-summer (June-July) during the years 1976-78. Censusing of the north Florida counties was conducted by Stephen A. Nesbitt, the east-central and southeastern Florida counties by Herbert W. Kale II, and the west-central and south Florida counties by John C. Ogden. There are comparatively few colonies in the Florida Panhandle and for that reason it was decided to concentrate on peninsular Florida. During each period, all known or suspected colony sites were checked from low-flying, fixed-wing aircraft. In areas where colonies had not been previously recorded, transects or zig-zag search patterns were flown. Any wading birds seen flying in a constant direction were followed to determine if they were part of a flight line leading to an unknown colony. During each census period, two to five days of flying were conducted in each of the three regions of Florida. A total of 295 active nesting colonies, used by 22 species of waders (Table 1), were located during the 3-year census.

The aerial censuses were designed primarily to (1) determine the number and location of colony sites, (2) obtain an estimate of the number of birds present in each colony, and (3) characterize wading bird nesting sites. Colonies that might require additional protective measures, and colonies suitable for subsequent and more intensive ground study also were identified. For some colonies, data obtained from ground censuses are reported.

Shortcomings of the aerial census method are evident in some of the estimates of bird species composition and numbers, and in some of the characterizations of dominant vegetation. Aerial bird counts detect only the most conspicuous species nesting near the canopy; thus estimates for some of the smaller, less conspicuous herons (e.g. Little Blue Herons, Louisiana Herons, night herons) are less accurate. In many instances these species are reported only to indicate their presence in a colony. Sometimes, it was difficult to distinguish between the smaller white species such as Snowy and Cattle Egrets. In such cases these were lumped as Egret spp., or Heron spp. Failure to detect a species from the air did not necessarily mean it did not nest at that site. Kushlan (1979) compared counts from ground, fixed-wing aircraft, and helicopter censuses and found that the fixed-wing aircraft census was less accurate, with a 32%-100% error, depending on the species and nest placement.

A group of nesting wading birds was considered a single colony, even if they were on several islands or clumps of vegetation (i.e. in subcolonies), as long as they formed a discrete assemblage separated from other colonies by a minimum distance of 0.8 km (0.5 mi).

The accuracy of colony size estimates and dominant vegetation characterizations varies. For some colonies where only a single plant species was

Table 1. Common and scientific names of bird species discussed in this atlas.

Common name	Scientific name
*Brown Pelican	(*Pelecanus occidentalis*)
*Magnificent Frigatebird	(*Fregata magnificens*)
*Double-crested Cormorant	(*Phalacrocorax auritus*)
*Anhinga	(*Anhinga anhinga*)
Great Blue Heron	(*Ardea herodias*)
Great White Heron	(*A. h. occidentalis*)
Northern Green Heron	(*Butorides striatus*)
Little Blue Heron	(*Florida caerulea*)
Cattle Egret	(*Bubulcus ibis*)
Reddish Egret	(*Dichromanassa rufescens*)
Great Egret	(*Casmerodius albus*)
Snowy Egret	(*Egretta thula*)
Louisiana Heron	(*Hydranassa tricolor*)
Black-crowned Night Heron	(*Nycticorax nycticorax*)
Yellow-crowned Night Heron	(*Nyctanassa violacea*)
Least Bittern	(*Ixobrychus exilis*)
Wood Stork	(*Mycteria americana*)
Glossy Ibis	(*Plegadis falcinellus*)
White Ibis	(*Eudocimus albus*)
Scarlet Ibis	(*Eudocimus ruber*)
Roseate Spoonbill	(*Ajaia ajaja*)
*American Flamingo	(*Phoenicopterus ruber*)

*Colonial species occurring with waders at some sites but not necessarily breeding.

dominant (e.g. mangrove, cypress, or willow), the vegetation designation is accurate; at other sites, especially in northern Florida where swamps are comprised of a mixture of woody shrubs and trees, assessments of dominant vegetation types are probably over-simplified. Common and scientific names of plants mentioned in the atlas are listed in Table 2.

The following habitat types are found frequently in our colony characterizations. Their general descriptions are given below.

> Cypress dome/head: a stand of cypress trees growing in a depression, with taller trees in the center and shorter ones on the perimeter, giving the stand a domed appearance. It often has a central pond.
>
> Cypress strand: a stand of cypress growing in an elongated strip, either in a more open stand of cypress or surrounded by other types of vegetation.
>
> Willowhead: A tree island of willow (Salix) growing in a depression; often circular or oval in shape.
>
> Bayhead: a tree island growing in peat, dominated by bay trees, such as sweet bay (Magnolia virginiana) and red bay (Persea borbonia).
>
> Marshy pond: a shallow pond with an open stand of grasses, sedges, or rushes.
>
> Flag marsh: a marsh dominated by broad-leaved aquatic plants, such as pickerel weed (Pontederia), arrowhead (Sagittaria), fire flag (Thalia).
>
> Swamp hardwoods: a stand of hardwoods (usually gums, tupelo, maples, and oaks) growing in a swampy location.
>
> Mesic hammock: a cabbage palm/live oak hardwood hammock on a limestone outcropping, with abundant subsurface water.
>
> Hardwood hammock: a stand of hardwood trees surrounded by another type of vegetation.
>
> Pine flatwoods: an open stand of pine, usually with an understory of saw palmetto (Serenoa repens).

Despite aforementioned shortcomings, the estimates for Brown Pelicans, Cattle Egrets, Great Blue Herons, Great Egrets, Roseate Spoonbills, White Ibises, and Wood Storks reasonably represent the nesting populations within the area covered. Aerial censusing does have the advantage of providing information for a large geographic region in a relatively short time period. It is hoped that these data will be useful in stimulating subsequent censuses and increasing awareness of the precarious status of waders in Florida.

Table 2. Common and scientific names (from Long and Lakela 1971) of plant species discussed in this atlas.

Common name	Scientific name
Batis	*Batis maritima*
Buttonbush	*Cephalanthus occidentalis*
Cabbage Palm	*Sabal palmetto*
Casuarina	*Casuarina* spp.
Cattail	*Typha* spp.
Custard Apple	*Annona glabra*
Cypress (Bald)	*Taxodium distichum*
Elderberry, Elder	*Sambucus simpsonii*
Flag	*Thalia geniculata*,
Gum	*Nyssa sylvatica*, or *Liquidamber styraciflua*
Lantana	*Lantana* spp.
Leather Fern	*Acrostichum aureum*
Mangrove	*Avicennia germinans* or *Rhizophora mangle*
Maple	*Acer rubrum*
Melaleuca	*Melaleuca quinquenervia*
Oak	*Quercus* spp.
Palm	*Sabal palmetto*
Palmetto	*Serenoa repens*
Pickerel Weed	*Pontederia lanceolata*
Pine	*Pinus* spp.
Pond Apple	*Annona glabra*
Prickly Pear Cactus	*Opuntia* spp.
Red Bay	*Persea borbonia*
Red Maple	*Acer rubrum*
Sabal Palmetto	*Sabal palmetto*
Saltbush	*Baccharis* spp.
Sawgrass	*Cladium jamaicensis*
Saw Palmetto	*Serenoa repens*
Schinus	*Schinus terebinthefolius*
Spartina	*Spartina* spp.
Sweet Bay	*Magnolia virginiana*
Water Oak	*Quercus nigra*
Wax myrtle	*Myrica cerifera*
Willow	*Salix caroliniana*

LITERATURE CITED

Kushlan, J.A. 1979. Effects of helicopter censuses on wading bird colonies. J. Wildl. Manage. 43: 756-760.

Kushlan, J.A., and D.A. White. 1977. Nesting wading bird populations in southern Florida. Fla. Sci. 40: 65-72.

Long, R.W., and O. Lakela. 1971. A flora of tropical Florida. Univ. of Miami Press, Miami. 962 pp.

Ogden, J.C. 1978. Recent population trends of colonial wading birds on the Atlantic and gulf coastal plains. Pages 137-153 in A. Sprunt, IV, J.C. Ogden, and S. Winkler, eds. Wading birds. Research Rep. 7. National Audubon Society, New York.

Odgen, J.C., H.W. Kale, II, and S.A. Nesbitt. 1980. The influence of annual variation in rainfall and water levels on nesting by Florida populations of wading birds. Trans. Linn. Soc. N.Y. 9: 115-126.

Osborn, R.G., and T.W. Custer. 1978. Herons and their allies. Atlas of Atlantic coast colonies, 1975 and 1976. Biological Services Program. U.S. Fish and Wildlife Service. FWS/OBS-77/08. 211 pp.

Robertson, W.B., Jr., and J.A. Kushlan. 1974. The southern Florida avifauna. Pages 414-451 in P.J. Gleason, ed. Environments of South Florida: present and past. Miami Geol. Soc., Memoir 2.

ORGANIZATION OF ATLAS

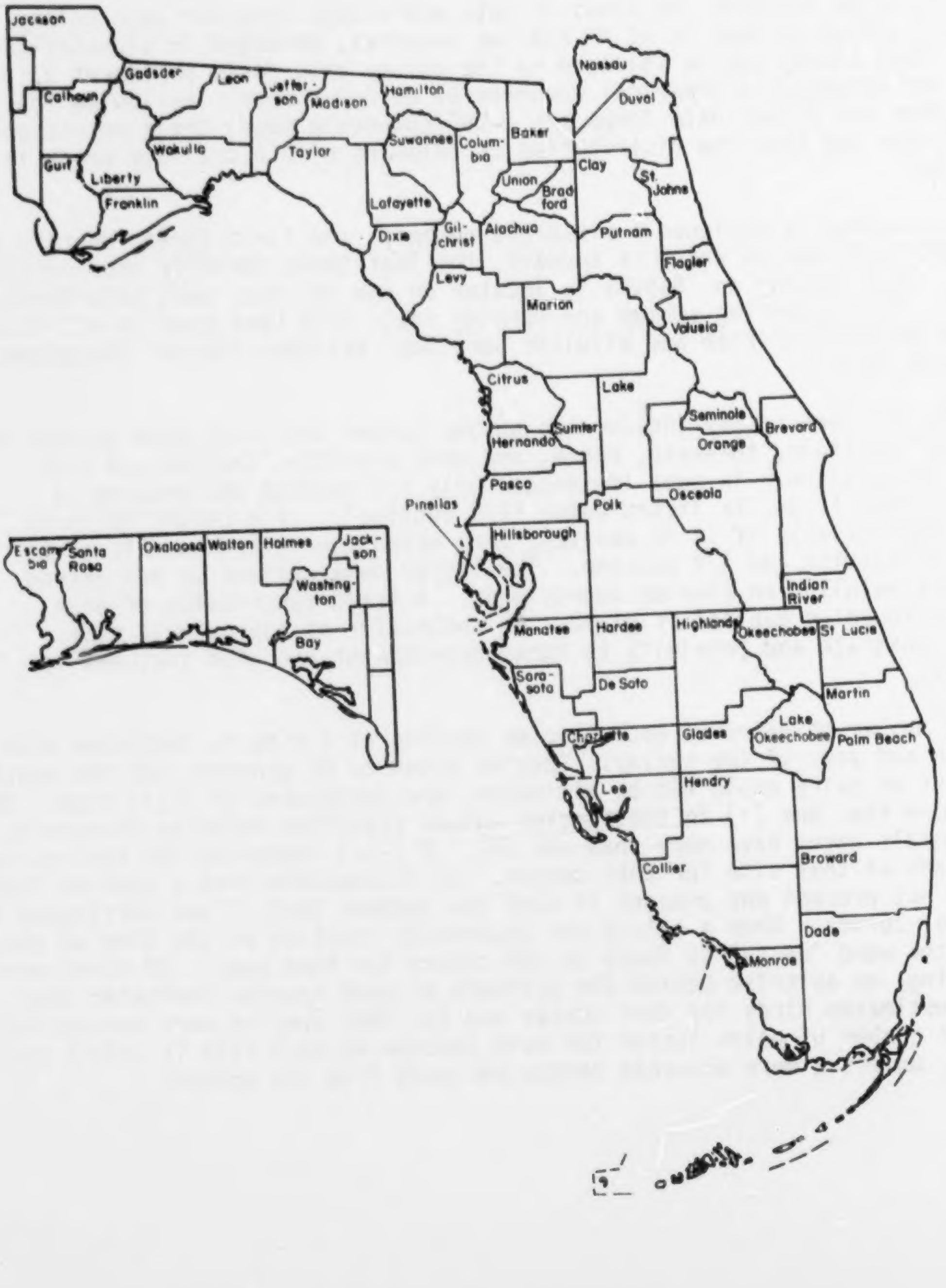
This atlas contains two kinds of maps and a data form for each colony. The first series of maps is of 47 Florida counties, arranged in alphabetical order. Each county map is followed by the colony data forms pertinent to that county and arranged in numerical sequence by colony number. Following the county maps and colony data forms are 1:250,000-scale maps; these correspond to USGS maps and show the distribution of colonies within drainage areas in the State.

Each colony is assigned a six-digit number: the first three identify the 1:250,000-scale map on which it appears, the last three identify the individual colony. Thus, colony no. 619001 is located on map no. 619, West Palm Beach, Florida. This numbering system and mapping scale have been used in all atlases produced by the U.S. Fish and Wildlife Services' National Coastal Ecosystems Team since 1975.

Data for each colony include its unique number and local name as well as latitude, longitude, township, range, and when possible, section and 1/4-section designation. In some instances, only 1/2-section designation is available and, if so, is listed under "1/4 section". If a colony is on an island, particularly if it is coastal, very often the island name is given instead of section and 1/4 section. The latter demarcations do not extend beyond the mainland on Florida county maps. A broad description of each site's surrounding habitat is given. An indication of approximate size, nesting substrate and proximity to human development are also included for each site.

The number of pairs of each species nesting at a site is indicated with the month and year of the survey. Species known to be present, but for which the number of pairs could not be estimated, are designated by a (+) sign. The use of more than one (+) in the species column signifies relative abundance; column totals never have more than one (+). A (---) indicates the species was not present at that site for that census. It is possible that a species indicated as not present was present in such low numbers that it was overlooked by the aerial survey. When a colony was apparently inactive at the time of the survey, the word "empty" is found in the column for that year. If birds were not nesting, an asterisk beside the estimate of each species indicates that all the estimated birds for that census and for that species were non-nesters. The total number of pairs listed for each species at each site is only a rough estimate, unless a more accurate census was made from the ground.

LOCATION OF FLORIDA COUNTIES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Columbia
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Liberty
Franklin
Union
Bradford
Clay
St. Johns
Lafayette
Dixie
Gilchrist
Alachua
Putnam
Flagler
Levy
Marion
Volusia
Citrus
Lake
Seminole
Brevard
Sumter
Hernando
Orange
Pasco
Pinellas
Polk
Osceola
Hillsborough
Escambia
Santa Rosa
Okaloosa
Walton
Holmes
Jackson
Washington
Bay
Indian River
Manatee
Hardee
Highlands
Okeechobee
St Lucie
Sarasota
De Soto
Martin
Charlotte
Glades
Lake Okeechobee
Palm Beach
Lee
Hendry
Broward
Collier
Dade
Monroe

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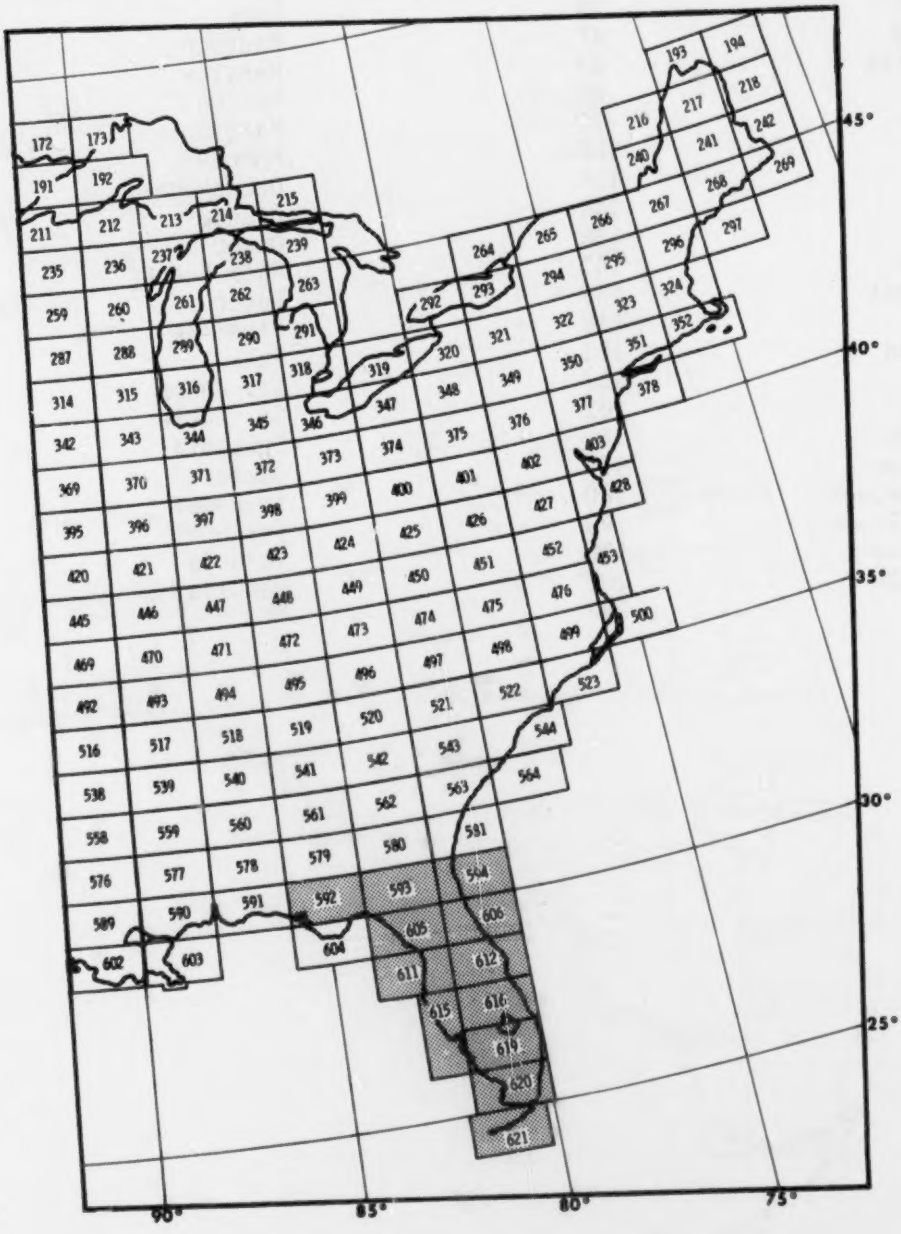
LOCATOR FOR 1:250,000-SCALE MAPS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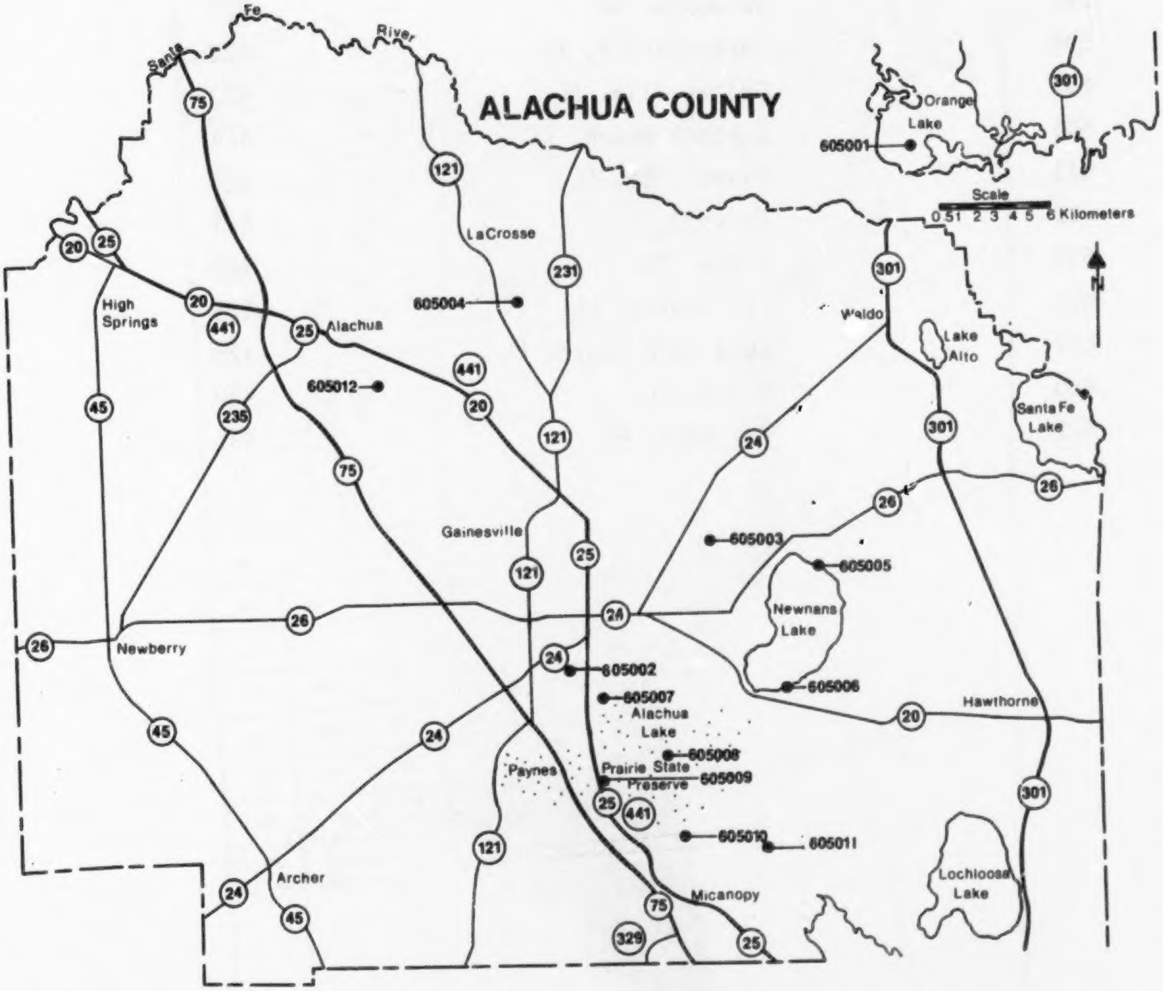
ALACHUA COUNTY
Santa Fe River
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Gainesville
605003
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Newnans Lake
Newberry
605002
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Archer
Micanopy
Lochloosa Lake
75
121
231
301
20
25
441
45
235
24
26
329

COLONY NUMBER: 605001 COUNTY: Alachua

COLONY NAME: Bird Island (Orange Lake) LAT. - LONG.: 29°26' - 82°12'

TOWNSHIP: 12S RANGE: 21E SECTION: 1/4 SECTION:

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water and cattails.
Colony area: 16 ha
Nesting substrate: Willows and elderberry at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	---	+	100	---	---	---
Little Blue Heron	---	150	---	---	---	---
Cattle Egret	4000	3000+	8000	5000++	5000+	2500
Great Egret	100	---	300	+	300+	---
Snowy Egret	---	---	---	+	---	---
Louisiana Heron	---	150	---	+	---	---
White Ibis	---	200	---	+++	200	---
TOTALS	4100	3500+	8400	5000+	5500+	2500

COLONY NUMBER: 605002 COUNTY: Alachua

COLONY NAME: Bivens Arm LAT. - LONG.: 29°37' - 82°21'

TOWNSHIP: 10S RANGE: 20E SECTION: 18 1/4 SECTION:

DESCRIPTION:
Colony site: Willows and elderberry at edge of lake.
Habitat surrounding colony: Open water, hardwoods, and lawn.
Colony area: 0.8 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: $<$0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	August 1978
Cattle Egret	200	350	empty	empty
TOTALS	200	350	0	0

COLONY NUMBER: 605003 **COUNTY**: Alachua

COLONY NAME: Gainesville Airport **LAT. - LONG.**: 29°42' - 82°16'

TOWNSHIP: 9S **RANGE**: 20E **SECTION**: 24 **1/4 SECTION**: SW

DESCRIPTION: Colony site: Willow pond.
Habitat surrounding colony: Pines and maples.
Colony area: No data.
Nesting substrate: Willows and buttonbush over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Cattle Egret	300	450	400	empty	350
TOTALS	300	450	400	0	350

COLONY NUMBER: 605004 COUNTY: Alachua

COLONY NAME: LaCross LAT. - LONG.: 29°48' - 82°22'

TOWNSHIP: 8S RANGE: 19E SECTION: 12 1/4 SECTION: SW

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Open water and cypress.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Cattle Egret	250-300
TOTALS	250-300

COLONY NUMBER: 605005 COUNTY: Alachua

COLONY NAME: Newnans Lake North LAT. - LONG.: 29°40' - 82°13'

TOWNSHIP: 9S RANGE: 21E SECTION: 28/33 1/4 SECTION:

DESCRIPTION: Colony site: Cypress at edge of lake.
Habitat surrounding colony: Cypress, pines, and water.
Colony area: 0.8 ha
Nesting substrate: Cypress at seasonally flooded site in 1976 and over high ground in 1977.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	August 1978
Great Blue Heron	6	empty	40	empty	empty	empty
TOTALS	6	0	40	0	0	0

COLONY NUMBER: 605006 **COUNTY:** Alachua

COLONY NAME: Newnans Lake South **LAT. - LONG.:** 29°37' - 82°14'

TOWNSHIP: 10S **RANGE:** 21E **SECTION:** 20 **1/4 SECTION:** N

DESCRIPTION:
Colony site: Cypress dome with willow pond in center.
Habitat surrounding colony: Cypress, pines, and pasture.
Colony area: 1.6 ha
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	July 1978
Anhinga	50	empty	---	empty
Great Blue Heron	125		30	
Great Egret	400		150	
TOTALS	575	0	180	0

COLONY NUMBER: 605007 **COUNTY:** Alachua

COLONY NAME: Oak Grove **LAT. - LONG.:** 29°37' - 82°19'

TOWNSHIP: 10S **RANGE:** 20E **SECTION:** 20 **1/4 SECTION:** NE

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	6	empty	empty	---
Little Blue Heron	---			+
Cattle Egret	---			200
TOTALS	6	0	0	200+

COLONY NUMBER: 605008 COUNTY: Alachua

COLONY NAME: Paynes Prairie Dikes LAT. - LONG.: 29°35' - 82°18'

TOWNSHIP: 10S RANGE: 20E SECTION: 27 1/4 SECTION: S mid

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Pines, open water, cattails, and pickerel weed.
Colony area: 2.0 ha
Nesting substrate: Willows over water.
Proximity to hum[illegible] disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Anhinga	40	+	30	empty	empty	20
Great Blue Heron	20	+	8			---
Cattle Egret	---	---	---			400
Louisiana Heron	---	---	10			---
TOTALS	60	+	48	0	0	420

COLONY NUMBER: 605009 **COUNTY**: Alachua

COLONY NAME: Paynes Prairie 441 **LAT. - LONG.**: 29°34' - 82°20'

TOWNSHIP: 10S & 11S **RANGE**: 20E **SECTION**: Land Grant Lot #1 **1/4 SECTION**: NE

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 1.0 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Anhinga	---	empty	40	empty	400
Great Blue Heron	6		20		---
Cattle Egret	---		---		1000
TOTALS	6	0	60	0	1400

COLONY NUMBER: 605010 **COUNTY:** Alachua

COLONY NAME: Paynes Prairie South **LAT. - LONG.:** 29°32' - 82°17'

TOWNSHIP: 11S **RANGE:** 20E **SECTION:** Land Grant Lot #9 **1/4 SECTION:** NE

DESCRIPTION:
Colony site: Buttonbush swamp.
Habitat surrounding colony: Maples, buttonbush, and mesic hammock.
Colony area: 4.4 ha
Nesting substrate: Maples and buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	April 1977	April 1978	August 1978
Little Blue Heron	20	25	12	empty
Snowy Egret	---	15	---	
TOTALS	20	40	12	0

COLONY NUMBER: 605011 COUNTY: Alachua

COLONY NAME: River Styx LAT. - LONG.: 29°31' - 82°14

TOWNSHIP: 11S RANGE: 21E SECTION: Land Grant Lot 11-12 1/4 SECTION: W mid

DESCRIPTION: Colony site: Large flattop cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.6 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	30	---	---	---	---	---
Great Egret	---	---	---	---	+	---
Wood Stork	70	20	150	50	50-100	10*
TOTALS	100	20	150	50	50-100+	10*

*non-nesting individuals

COLONY NUMBER: 605C12 COUNTY: Alachua

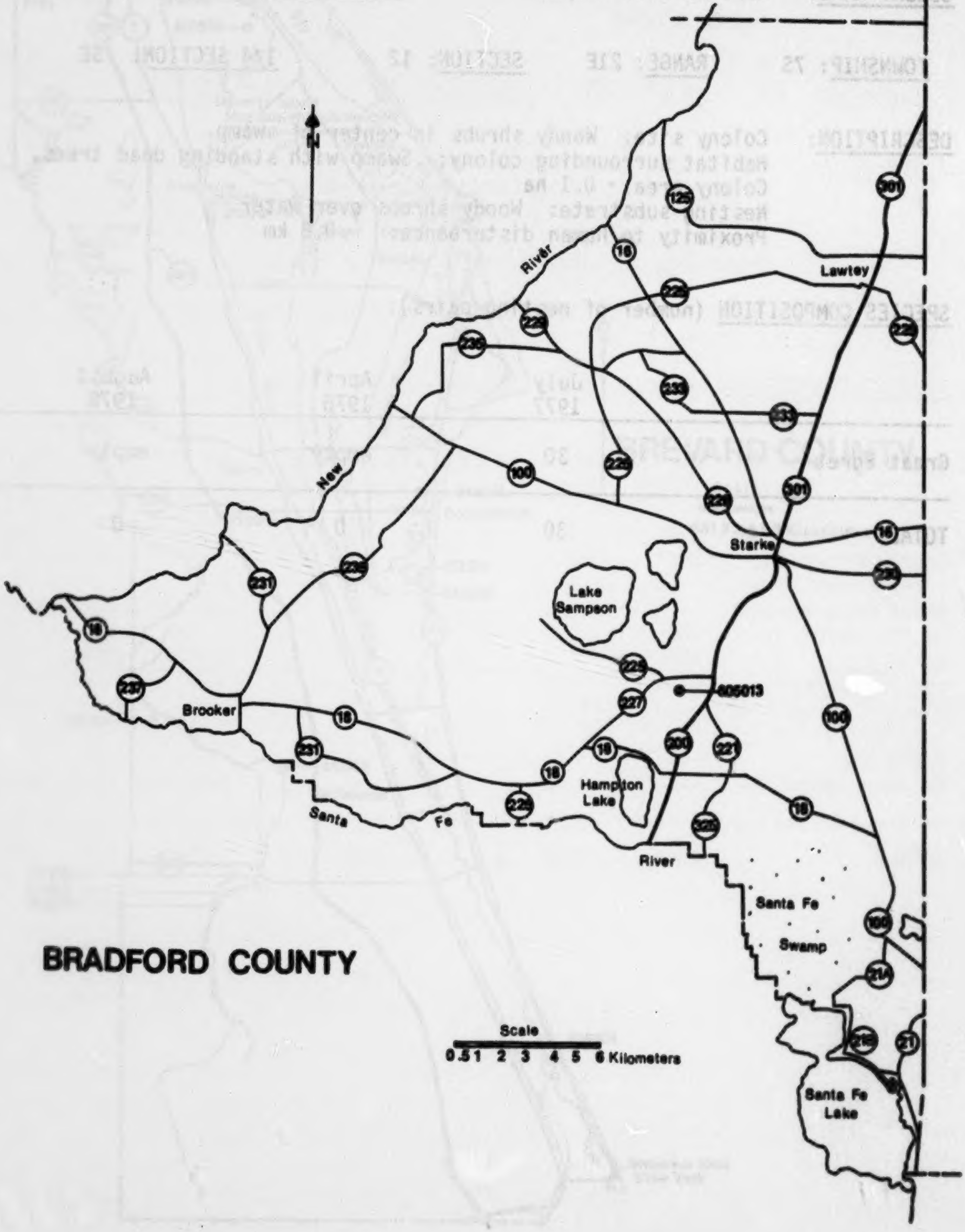
COLONY NAME: San Falasco Hammock LAT. - LONG.: 29°45' - 82°27'

TOWNSHIP: 8S RANGE: 19E SECTION: 38 1/4 SECTION: N mid

DESCRIPTION:
Colony site: Buttonbush pond.
Habitat surrounding colony: Hardwood hammock.
Colony area: 0.4 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	August 1978
Cattle Egret	600	empty	empty	empty	300
TOTALS	600	0	0	0	300


N
River
New
Lawtey
Starke
Lake Sampson
605013
Brooker
Hampton Lake
Santa
Fe
River
Santa Fe
Swamp
Santa Fe Lake
301
125
16
225
229
230
233
100
235
231
18
237
227
200
221
325
21A
21B
21
Scale
0.5 1 2 3 4 5 6 Kilometers

BRADFORD COUNTY

COLONY NUMBER: 605013 **COUNTY:** Bradford

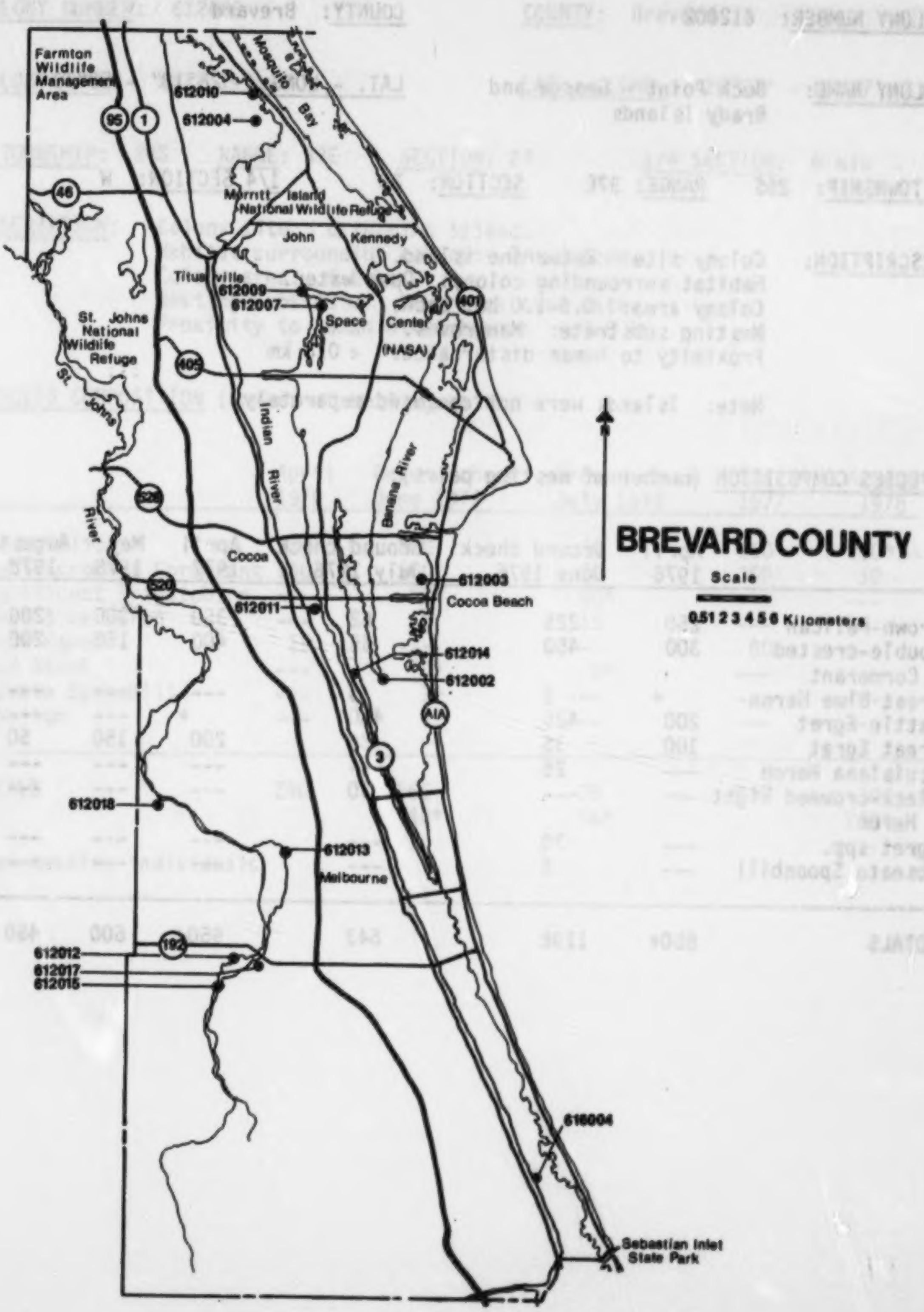
COLONY NAME: Northwest of Hampton **LAT. - LONG.:** 29°54' - 82°09'

TOWNSHIP: 7S **RANGE:** 21E **SECTION:** 12 **1/4 SECTION:** SE

DESCRIPTION:
Colony site: Woody shrubs in center of swamp.
Habitat surrounding colony: Swamp with standing dead trees.
Colony area: 0.1 ha
Nesting substrate: Woody shrubs over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Great Egret	30	empty	empty
TOTALS	30	0	0


BREVARD COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers
Farmton Wildlife Management Area
612010
612004
95
1
Mosquito Lagoon
Bay
46
Merritt Island National Wildlife Refuge
John Kennedy
Titusville
612009
612007
Space Center (NASA)
401
St. Johns National Wildlife Refuge
405
St. Johns River
Indian River
Banana River
528
Cocoa
612003
520
612011
Cocoa Beach
612014
612002
A1A
3
612018
612013
Melbourne
192
612012
612017
612015
616004
Sebastian Inlet State Park

COLONY NUMBER: 612002 **COUNTY:** Brevard

COLONY NAME: Buck Point - George and Brady Islands **LAT. - LONG.:** 28°18' - 80°39'

TOWNSHIP: 25S **RANGE:** 37E **SECTION:** 20 **1/4 SECTION:** W

DESCRIPTION: Colony site: Estuarine island.
Habitat surrounding colony: Open water.
Colony area: 0.5-1.0 ha, each.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: Islands were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	May 1978	August 1978
Brown Pelican	250	225	62	350	300	200
Double-crested Cormorant	300	450	65	400	150	200
Great Blue Heron	+	3	6	---	---	---
Cattle Egret	200	425	450	+	---	---
Great Egret	100	35	30	200	150	50
Louisiana Heron	---	25	---	---	---	---
Black-crowned Night Heron	---	---	30	---	---	---
Egret spp.	---	30	---	---	---	---
Roseate Spoonbill	---	5	---	---	---	---
TOTALS	850+	1198	643	950+	600	450

COLONY NUMBER: 612003 **COUNTY**: Brevard

COLONY NAME: Hall Island **LAT. - LONG.**: 28°22' - 80°37'

TOWNSHIP: 24S **RANGE**: 37E **SECTION**: 27 **1/4 SECTION**: N mid

DESCRIPTION: Colony site: Estuarine island.
Habitat surrounding colony: Open water.
Colony area: 6.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	August 1978
Brown Pelican	125	250	30	150	200*
Double-crested Cormorant	150	300	30	300	30
Magnificent Frigatebird	---	30*	50*	---	---
Great Blue Heron	---	15	15	---	---
Great Egret	15	---	---	80	---
Wood Stork	---	6*	6*	---	---
Roseate Spoonbill	---	3*	---	---	---
Flamingo	---	1*	---	---	---
TOTALS	290	565 40*	75 56*	530	30 200*

*non-nesting individuals

COLONY NUMBER: 612004 COUNTY: Brevard

COLONY NAME: Haulover Canal LAT. - LONG.: 28°44' - 80°46'

TOWNSHIP: 20S RANGE: 35/36E SECTION: 25/30 1/4 SECTION:

DESCRIPTION: Colony site: Estuarine spoil island.
Habitat surrounding colony: Open water.
Colony area: Nc data.
Nesting substrate: *Casuarina* and elderberry at seasonally flooded site.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	April 1978
Double-crested Cormorant	---	1	26	20	---
Great Blue Heron	20	2	---	30	30
Little Blue Heron	---	10	100	100	+
Cattle Egret	350	200	875	875	500
Reddish Egret	---	---	---	---	1
Great Egret	30	2	35	100	50
Snowy Egret	---	75	80	---	300
Louisiana Heron	---	250	325	100	700
Black-crowned Night Heron	---	---	---	---	12
Glossy Ibis	---	12	16	+	20
White Ibis	---	83	25	---	500
TOTALS	400	635	1482	1225+	2113+

COLONY NUMBER: 612007 **COUNTY**: Brevard

COLONY NAME: Moore Creek (Subcolony 1) **LAT. - LONG.**: 28°35' - 80°42'

TOWNSHIP: 22S **RANGE**: 36E **SECTION**: 15 **1/4 SECTION**:

DESCRIPTION: Colony site: Island in creek.
Habitat surrounding colony: Water
Colony area: 1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	April 1977	April 1978
Double-crested Cormorant	62	100	400	Colony active but not censused.
Anhinga	50	25	---	
Great Blue Heron	5	10	100	
Little Blue Heron	12	30	---	
Cattle Egret	300	300	---	
Great Egret	75	50	---	
Snowy Egret	400	35	---	
Louisiana Heron	37	200	---	
Wood Stork	250	6	600	
Glossy Ibis	5	10	---	
White Ibis	---	50	800	
TOTALS	1196	816	1900	

COLONY NUMBER: 612007 **COUNTY:** Brevard

COLONY NAME: Moore Creek South
(Subcolony 2) **LAT. - LONG.:** 28°35' - 80°42'

TOWNSHIP: 22S **RANGE:** 36E **SECTION:** 15 **1/4 SECTION:**

DESCRIPTION: Colony site: Island in creek.
Habitat surrounding colony: Water.
Colony area: 4.4 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check July 1976
Double-crested Cormorant	330
Anhinga	20
Green Heron	6
Cattle Egret	900
Great Egret	15
Louisiana Heron	100
Heron spp.	50
White Ibis	200
TOTALS	1621

COLONY NUMBER: 612009 **COUNTY**: Brevard

COLONY NAME: Banana Creek **LAT. - LONG.**: 28°36' - 80°43'

TOWNSHIP: 22S **RANGE**: 36E **SECTION**: 9 **1/4 SECTION**:

DESCRIPTION:
Colony site: Island in creek.
Habitat surrounding colony: Water and salt marsh.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	Ground check July 1978
Anhinga	---	---	200
Great Blue Heron	6	25	---
Cattle Egret	---	---	500
Great Egret	---	70	100
Snowy Egret	---	---	+
Louisiana Heron	---	---	+
TOTALS	6	95	800+

COLONY NUMBER: 612010 **COUNTY**: Brevard

COLONY NAME: Haulover Canal 2 **LAT. - LONG.**: 28°45' - 80°46'

TOWNSHIP: 20S **RANGE**: 36E **SECTION**: **1/4 SECTION**:

DESCRIPTION: Colony site: Estuarine spoil island.
Habitat surrounding colony: Open water.
Colony area: No data.
Nesting substrate: Mangroves, *Casuarina*, and *Schinus*.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1976
Green Heron	6
Little Blue Heron	12
Cattle Egret	225
Great Egret	20
Snowy Egret	35
Heron spp.	200
Glossy Ibis	10
White Ibis	6*
TOTALS	508 6*

*non-nesting individuals

COLONY NUMBER: 612011 COUNTY: Brevard

COLONY NAME: Kewanis Pt. LAT. - LONG.: 28°21' - 80°42'

TOWNSHIP: 24S RANGE: 37E SECTION: 35 1/4 SECTION: NW

DESCRIPTION: Colony site: Spoil island in impoundment.
Habitat surrounding colony: Water.
Colony area: 1.2 ha
Nesting substrate: Willows, buttonbush and Baccharis over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	August 1978
Anhinga	---	+	---	20
Little Blue Heron	---	---	200	---
Cattle Egret	300	700	500	200
Great Egret	---	50	---	---
TOTALS	300	750+	700	220

COLONY NUMBER: 612012 **COUNTY:** Brevard

COLONY NAME: Lake Sawgrass (Subcolony 1) **LAT. - LONG.:** 28°05' - 80°47'

TOWNSHIP: 28S **RANGE:** 35E **SECTION:** 1/2 **1/4 SECTION:**

DESCRIPTION:
Colony site: Willows and shrubs along canal.
Habitat surrounding colony: Sawgrass and other marsh grasses.
Colony area: < 1.0 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: > 0.8 km

Note: Colony moved in June 1977 to Sawgrass Colony, Brevard County (No. 612015).

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	June 1977	June 1978
Great Blue Heron	15	empty	empty	empty
Little Blue Heron	15			
Cattle Egret	1800			
Snowy Egret	75			
TOTALS	1905	0	0	0

COLONY NUMBER: 612012 **COUNTY**: Brevard

COLONY NAME: Lake Sawgrass (Subcolony 2) **LAT. - LONG.**: 28°05' - 80°47'

TOWNSHIP: 28S **RANGE**: 35E **SECTION**: 1/2 **1/4 SECTION**:

DESCRIPTION: Colony site: Willows and shrubs along canal.
Habitat surrounding colony: Sawgrass and other marsh grasses.
Colony area: 1.0 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: >0.8 km

Note: Colony moved in June 1977 to Sawgrass Colony Brevard County (No. 612015).

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	1977-1978
Great Blue Heron	50	empty
Little Blue Heron	50	
Cattle Egret	500	
Snowy Egret	50	
Black-crowned Night Heron	15	
TOTALS	665	0

COLONY NUMBER: 612013 **COUNTY:** Brevard

COLONY NAME: Lake Washington (Subcolony 1) **LAT. - LONG.:** 28°10' - 80°44'

TOWNSHIP: 27S **RANGE:** 36E **SECTION:** 4 **1/4 SECTION:** NW

DESCRIPTION:
Colony site: Willows.
Habitat surrounding colony: Willows.
Colony area: 0.4 ha
Nesting substrate: Willows and shrubs over water (may be seasonally flooded).
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	June 1977	May 1978	June 1978
Little Blue Heron	25	empty	---	empty	empty
Cattle Egret	500		150		
White Ibis	100		---		
TOTALS	625	0	150	0	0

COLONY NUMBER: 612013 **COUNTY**: Brevard

COLONY NAME: Lake Washington (Subcolony 2) **LAT. - LONG.**: 28°10' - 80°44'

TOWNSHIP: 27S **RANGE**: 36E **SECTION**: 4 **1/4 SECTION**: SW

DESCRIPTION:
Colony site: Willows.
Habitat surrounding colony: Willows.
Colony area: No data.
Nesting substrate: Willows over water (may be seasonally flooded).
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Little Blue Heron	5	empty	empty
Cattle Egret	50		
TOTALS	55	0	0

COLONY NUMBER: 612014 COUNTY: Brevard

COLONY NAME: Newfound Harbor LAT. - LONG.: 28°18' - 80°40'

TOWNSHIP: 25S RANGE: 37E SECTION: 18 1/4 SECTION: W

DESCRIPTION:
Colony site: Mangroves along edge of river.
Habitat surrounding colony: Marsh grasses and water.
Colony area: 0.4 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978
Little Blue Heron	50
Cattle Egret	500
Louisiana Heron	50
TOTALS	600

COLONY NUMBER: 612015 **COUNTY**: Brevard

COLONY NAME: Sawgrass **LAT. - LONG**: 28°04' - 80°47'

TOWNSHIP: 28S **RANGE**: 35E **SECTION**: 11 **1/4 SECTION**:

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Cattle Egret	500	500	250
Louisiana Heron	150	10	---
TOTALS	650	510	250

COLONY NUMBER: 612017 COUNTY: Brevard

COLONY NAME: Sweetwater Camp (Camp Holly) LAT. - LONG: 28°05' - 80°45'

TOWNSHIP: 28S RANGE: 36E SECTION: 5 1/4 SECTION: SW

DESCRIPTION: Colony site: Willows in a water impoundment.
Habitat surrounding colony: Freshwater marsh.
Colony area: 10.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Anhinga	50	---	---
Little Blue Heron	100	+	+
Cattle Egret	2500	3000	8000
Great Egret	10	---	---
Snowy Egret	---	+	+
Louisiana Heron	---	+	---
Yellow-crowned Night Heron	25+	---	---
TOTALS	2685+	3000+	8000+

COLONY NUMBER: 612018 COUNTY: Brevard

COLONY NAME: Winder South LAT. - LONG: 28°12' - 80°51'

TOWNSHIP: 26S RANGE: 35E SECTION: 20 1/4 SECTION:

DESCRIPTION:
Colony site: Island in river.
Habitat surrounding colony: Willows and sawgrass.
Colony area: 0.4 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 ha

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Anhinga	---	25
Cattle Egret	250	2000
TOTALS	250	2025

COLONY NUMBER: 616004 COUNTY: Brevard

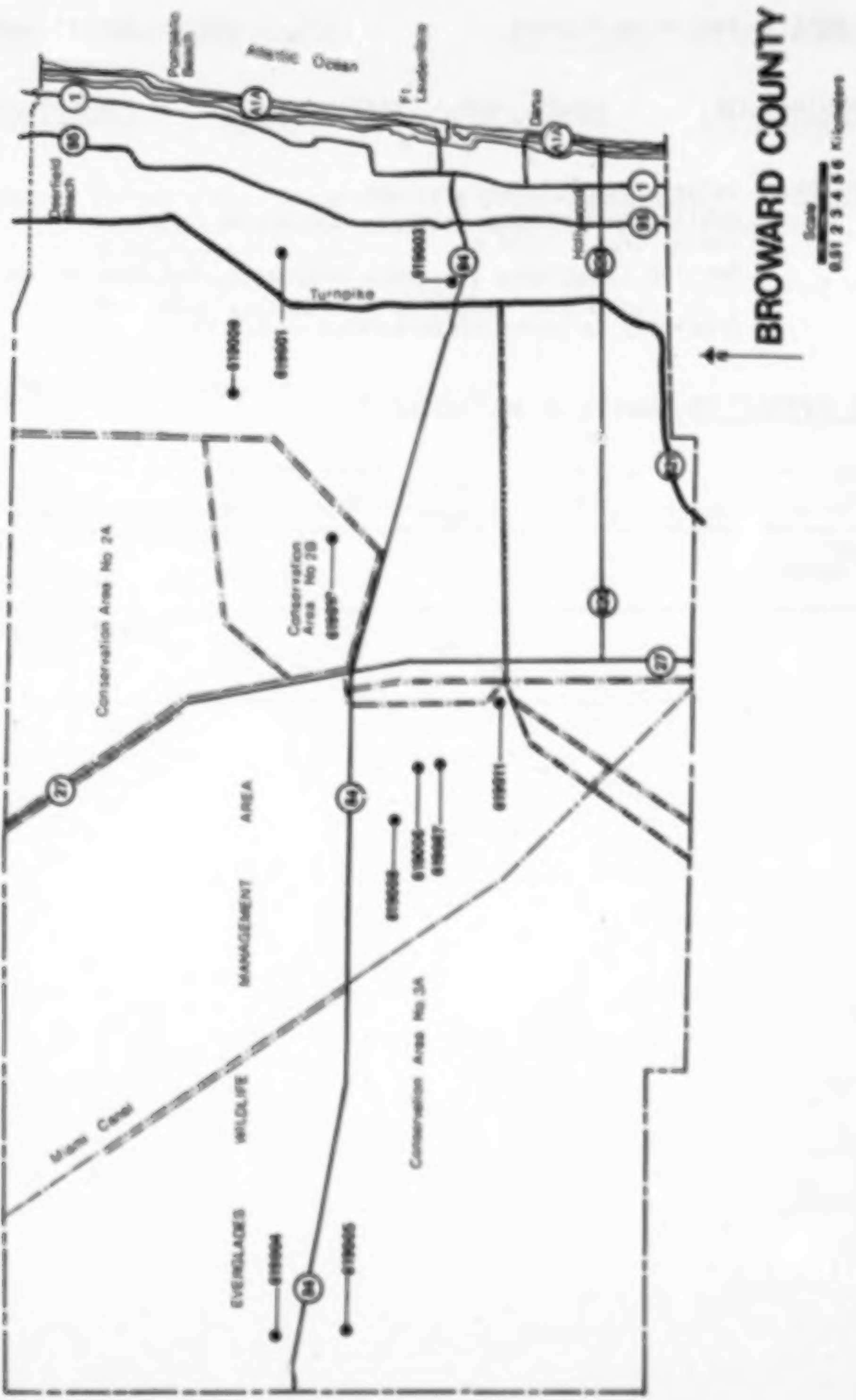
COLONY NAME: Grant's Farm Island LAT. - LONG: 27°55' - 80°31'

TOWNSHIP: 29S RANGE: 38E SECTION: 34 1/4 SECTION:

DESCRIPTION: Colony site: Spoil island in river.
Habitat surrounding colony: Water; north end of island inhabited by people.
Colony area: 7.0 ha
Nesting substrate: *Casuarina*, cabbage palm, mangroves, and medium-height shrubs (*Schinus*) over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	Ground check May 1977	May 1978	June 1978
Double-crested Cormorant	25	25	125	50	50
Anhinga	11	16	35	---	50
Great Blue Heron	5	---	10	10	---
Little Blue Heron	36	40	100	---	---
Cattle Egret	1156	1220	1850	1000+	5000
Great Egret	20	40	35	25	50
Snowy Egret	110	45	1	150±	---
Louisiana Heron	201	75	225	100	+
Black-crowned Night Heron	15	10	36	---	---
White Ibis	58	615	630	500	1500
TOTALS	1637	2086	3047	1835+	6650+


BROWARD COUNTY
Scale
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Atlantic Ocean
Pompano Beach
Ft. Lauderdale
Dania
Hollywood
Deerfield Beach
Turnpike
Conservation Area No 2A
Conservation Area No 2B
Conservation Area No 3A
EVERGLADES WILDLIFE MANAGEMENT AREA
Miami Canal
A1A
1
27
84
019009
019001
019003
019011
019008
019006
019007
019004
019005

COLONY NUMBER: 619001 | COUNTY: Broward

COLONY NAME: Executive Airport | LAT. - LONG.: 26°11' - 80°11'

TOWNSHIP: 49S | RANGE: 42E | SECTION: 17 | 1/4 SECTION: W

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.04 ha
Nesting substrate: Willows, mangroves, and pond apples over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1977	July 1978
Cattle Egret	20	50±	100
TOTALS	20	50±	100

COLONY NUMBER: 619003 **COUNTY**: Broward

COLONY NAME: Power Plant Pond **LAT. - LONG.**: 26°05' - 80°12'

TOWNSHIP: 50S **RANGE**: 42E **SECTION**: 19 **1/4 SECTION**: SW

DESCRIPTION:
Colony site: Mangroves in a water impoundment.
Habitat surrounding colony: Mangroves and leather ferns.
Colony area: 1.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	July 1977	June 1978
Green Heron	4	---	empty
Little Blue Heron	50	50±	
Louisiana Heron	4	---	
Yellow-crowned Night Heron	2	---	
TOTALS	60	50±	0

COLONY NUMBER: 619004 **COUNTY:** Broward

COLONY NAME: Alligator Alley North **LAT. - LONG.:** 26°11' - 80°50'

TOWNSHIP: 49S **RANGE:** 35E **SECTION:** **1/4 SECTION:**

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh and ranch land.
Colony area: 1.2 ha
Nesting substrate: Willows and custard apples over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1976	April 1977	July 1977	May 1978	July 1978
Little Blue Heron	---	++	empty	empty	empty	empty
Cattle Egret	---	100+				
Great Egret	300	300				
Snowy Egret	400+	400				
Yellow-crowned Night Heron	+	---				
TOTALS	700+	800+	0	0	0	0

COLONY NUMBER: 619005 COUNTY: Broward

COLONY NAME: Alligator Alley South LAT. - LONG.: 26°09' - 80°50'

TOWNSHIP: 50S RANGE: 35E SECTION: 1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	October 1977	April 1978	June 1978
Anhinga	+	empty	+	---	empty
Great Blue Heron	1		---	---	
Little Blue Heron	25-50		---	---	
Cattle Egret	500-700		+	---	
Great Egret	200-300		+	100+	
Snowy Egret	100		---	---	
Heron spp.	---		+	---	
TOTALS	826-1151+	0	+	100+	0

COLONY NUMBER: 619006 **COUNTY**: Broward

COLONY NAME: Andytown East **LAT. - LONG.**: 26°06' - 80°30'

TOWNSHIP: 50S **RANGE**: 38E **SECTION**: 12/13 **1/4 SECTION**:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 1.8 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	May 1976	June 1976	Ground check April 1977	June 1977	April 1978	June 1978
Little Blue Heron	---	---	+	---	---	---	---
Cattle Egret	---	---	---	---	500-1000	50-75*	2000
Great Egret	250+	---	500	1140	500+	1200++	300-400*
Snowy Egret	2500	---	1000	1896	500-1000	50+	200-300
Egret spp.	---	+++	---	---	---	---	---
Louisiana Heron	100+	---	100	1212	500-1000	+	50*
Glossy Ibis	---	---	---	96	---	---	---
White Ibis	---	5000-8000	---	---	5000±	---	---
TOTALS	2850+	5000-8000+	1600+	4344	7000-8500+	1250+ 50-75*	2200-2300 350-450*

*non-nesting individuals

COLONY NUMBER: 619007 COUNTY: Broward

COLONY NAME: Andytown Melaleuca LAT. - LONG.: 26°05' - 80°30'

TOWNSHIP: 50S RANGE: 38E SECTION: 13/24 1/4 SECTION:

DESCRIPTION:
Colony site: *Melaleuca*-head.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: *Melaleuca*.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	March 1977	April 1978	June 1978
Anhinga	---	---	---	---	25*
Great Blue Heron	50	5±	30-40	50+	4
TOTALS	50	5±	30-40	50+	4 25*

*non-nesting individuals

COLONY NUMBER: 619008 COUNTY: Broward

COLONY NAME: Andytown West LAT. - LONG.: 26°07' - 80°32'

TOWNSHIP: 50S RANGE: 38E SECTION: 3 1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 1.2 ha
Nesting substrate: Willows (herons) and herbaceous vegetation (white ibis).
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	June 1977	April 1978	June 1978
Great Egret	---	empty	++	empty	5*	empty
Snowy Egret	150		---		---	
Louisiana Heron	---		++		---	
White Ibis	8000		---		---	
TOTALS	8150**	0	200-400***	0	5*	0

*non-nesting individuals

**colony empty (deserted) in May

***200-400 total nests, but species were not counted separately

COLONY NUMBER: 619009 **COUNTY**: Broward

COLONY NAME: Commercial Blvd. **LAT. - LONG.**: 26°13' - 80°16'

TOWNSHIP: 49S **RANGE**: 41E **SECTION**: **1/4 SECTION**:

DESCRIPTION:
Colony site: Lake.
Habitat surrounding colony: No data.
Colony area: 2.0 ha
Nesting substrate: Medium height shrubs.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976
Cattle Egret	105
TOTALS	105

COLONY NUMBER: 619010 COUNTY: Broward

COLONY NAME: Conservation Area 2B (Subcolony 1) LAT. - LONG.: 26°10' - 80°21'

TOWNSHIP: 49S RANGE: 40E SECTION: 21 1/4 SECTION:

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	April 1978	June 1978
Little Blue Heron	+	empty	empty
Cattle Egret	75		
TOTALS	75+	0	0

COLONY NUMBER: 619010 **COUNTY**: Broward

COLONY NAME: Conservation Area 2B (Subcolony 2) **LAT. - LONG.**: 26°10' - 80°21'

TOWNSHIP: 49S **RANGE**: 40E **SECTION**: 21 **1/4 SECTION**:

DESCRIPTION: Colony site: Melaleuca-head.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Melaleuca.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	June 1978
Anhinga	+	empty
Great Blue Heron	+	
Great Egret	20	
Snowy Egret	5	
TOTALS	25+	0

COLONY NUMBER: 619011 COUNTY: Broward

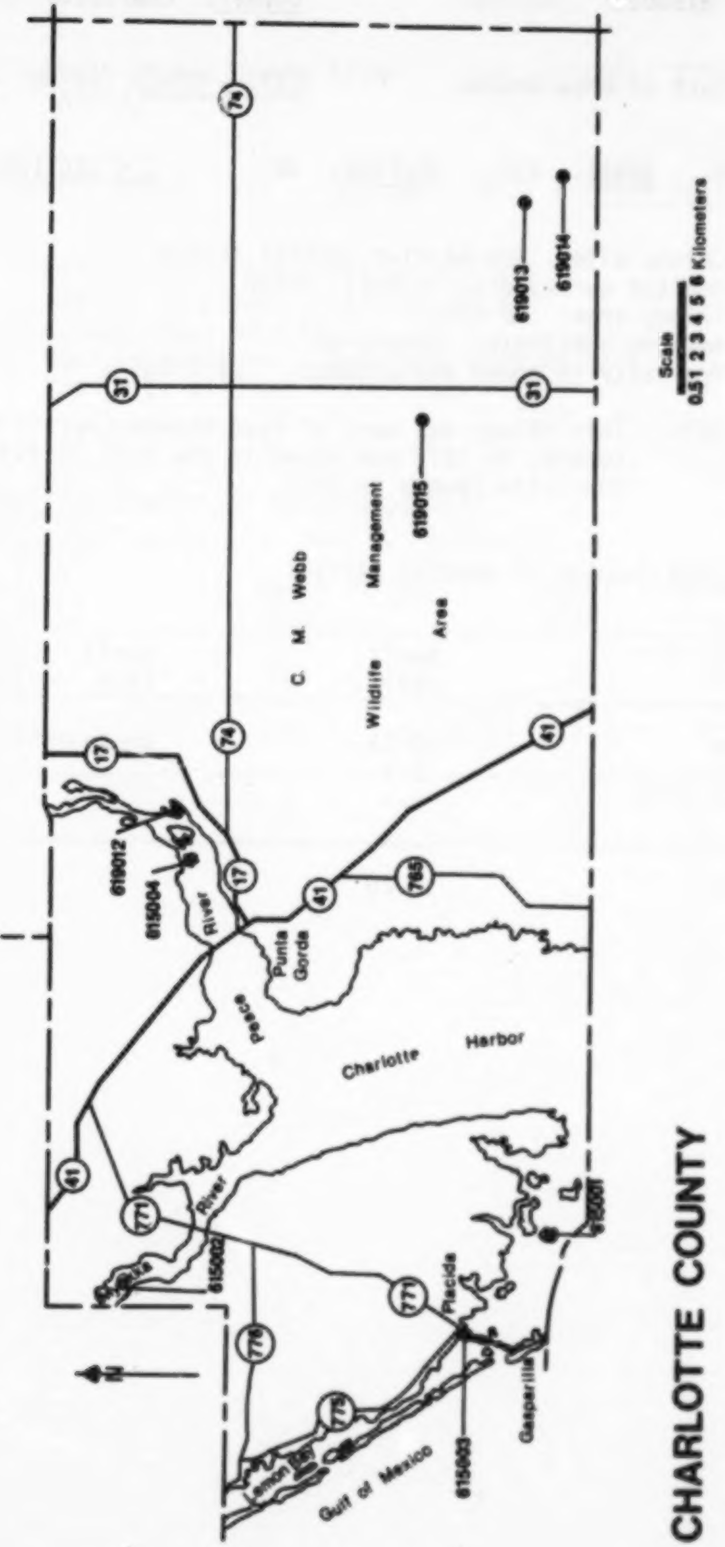
COLONY NAME: Holiday Park Melaleuca LAT. - LONG.: 26°04' - 80°27'

TOWNSHIP: 50S RANGE: 39E SECTION: 28/29 1/4 SECTION: S

DESCRIPTION:
Colony site: Melaleuca-head.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Melaleuca.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1977	April 1978	July 1978
Great Blue Heron	20	empty	empty
TOTALS	20	0	0


N
Gulf of Mexico
Lemon Bay
775
776
615003
Gasparilla
Placida
771
615002
River
41
615001
Peace
River
Charlotte
Harbor
Punta
Gorda
41
765
615004
619012
River
17
74
17
41
C. M. Webb
Wildlife Management
Area
619015
31
31
74
619013
619014
Scale
0.5 1 2 3 4 5 6 Kilometers

CHARLOTTE COUNTY

COLONY NUMBER: 615001 COUNTY: Charlotte

COLONY NAME: East of Boca Grande LAT. - LONG: 26°48' - 82°13'

TOWNSHIP: 42S RANGE: 21E SECTION: 28 1/4 SECTION: S

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

Note: This colony was east of Boca Grande (Devilfish Key), Lee County, in 1976 and moved to the this location in Charlotte County in 1977.

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978
Great Blue Heron	10-15	empty
Great Egret	1-5	
Snowy Egret	---	
TOTALS	11-20	0

COLONY NUMBER: 615002 **COUNTY**: Charlotte

COLONY NAME: Mouth of the Myakka River (Atoll) **LAT. - LONG**: 27°00' - 82°15'

TOWNSHIP: 40S **RANGE**: 21E **SECTION**: 18 **1/4 SECTION**: NW

DESCRIPTION:
Colony site: Spoil island in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: 1977 - <0.8 km
1978 - >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Great Blue Heron	15	5	1
Cattle Egret	---	---	50
Great Egret	10	13	5
TOTALS	25	18	56

COLONY NUMBER: 615003 COUNTY: Charlotte

COLONY NAME: Placida LAT. - LONG: 26°50' - 82°16'

TOWNSHIP: 42S RANGE: 20E SECTION: 12 1/4 SECTION: SW

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	---	empty
Double-crested Cormorant	+	---	---	---	
Great Blue Heron	5	---	10-15	10±	
Great Egret	50-60	---	25-50	60-70	
Snowy Egret	40-50	---	+	10-15	
Louisiana Heron	---	---	+	---	
Egret spp. (Cattle & Snowy)	---	100±	---	---	
TOTALS	95-115+	100±	35-65+	80-95±	0

COLONY NUMBER: 615004 **COUNTY**: Charlotte

COLONY NAME: Punta Gorda **LAT. - LONG**: 26°58' - 82°01'

TOWNSHIP: 40S **RANGE**: 23E **SECTION**: 28 **1/4 SECTION**: E

DESCRIPTION:
Colony site: Island in river.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over water.
Proximity to human disturbance: 1976 - > 0.8 km
1978 - < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	July 1978
Great Blue Heron	10	empty	17	1	empty
Great Egret	15		---	---	
TOTALS	25	0	17	1	0

COLONY NUMBER: 619012 **COUNTY:** Charlotte

COLONY NAME: Shell Creek Mouth **LAT. - LONG.:** 26°59' - 81°59'

TOWNSHIP: 40S **RANGE:** 23E **SECTION:** 26 **1/4 SECTION:** NW

DESCRIPTION:
Colony site: Island in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	1	+
Cattle Egret	500	++	100	400
Great Egret	+	35-45	30	25
Snowy Egret	---	+	---	+
Louisiana Heron	---	---	---	+
TOTALS	500+	35-45+	131	425+

COLONY NUMBER: 619013 COUNTY: Charlotte

COLONY NAME: Telegraph Swamp Cypress LAT. - LONG.: 26°48' - 81°40'

TOWNSHIP: 42S RANGE: 26E SECTION: 24 1/4 SECTION:

DESCRIPTION:
Colony site: Cypress.
Habitat surrounding colony: Impounded cypress swamp (levee on both sides of natural swamp).
Colony area: 1.0 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	August 1978
Great Blue Heron	10-20	---
Great Egret	+	20
Wood Stork	75 (250-300*)	15-20
TOTALS	85-95+ (250-300*)	35-40

*non-nesting individuals

COLONY NUMBER: 619014 **COUNTY:** Charlotte

COLONY NAME: Telegraph Swamp Willow **LAT. - LONG.:** 26°47' - 81°39'

TOWNSHIP: 42S **RANGE:** 27E **SECTION:** 30 **1/4 SECTION:**

DESCRIPTION:
Colony site: Willow head in cypress strand.
Habitat surrounding colony: Impounded cypress swamp (levee on both sides of natural swamp).
Colony area: 2.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	August 1978
Little Blue Heron	100	---
Cattle Egret	1000	150-200
Great Egret	+	---
White Ibis	+	+
TOTALS	1100+	150-200+

COLONY NUMBER: 619015 COUNTY: Charlotte

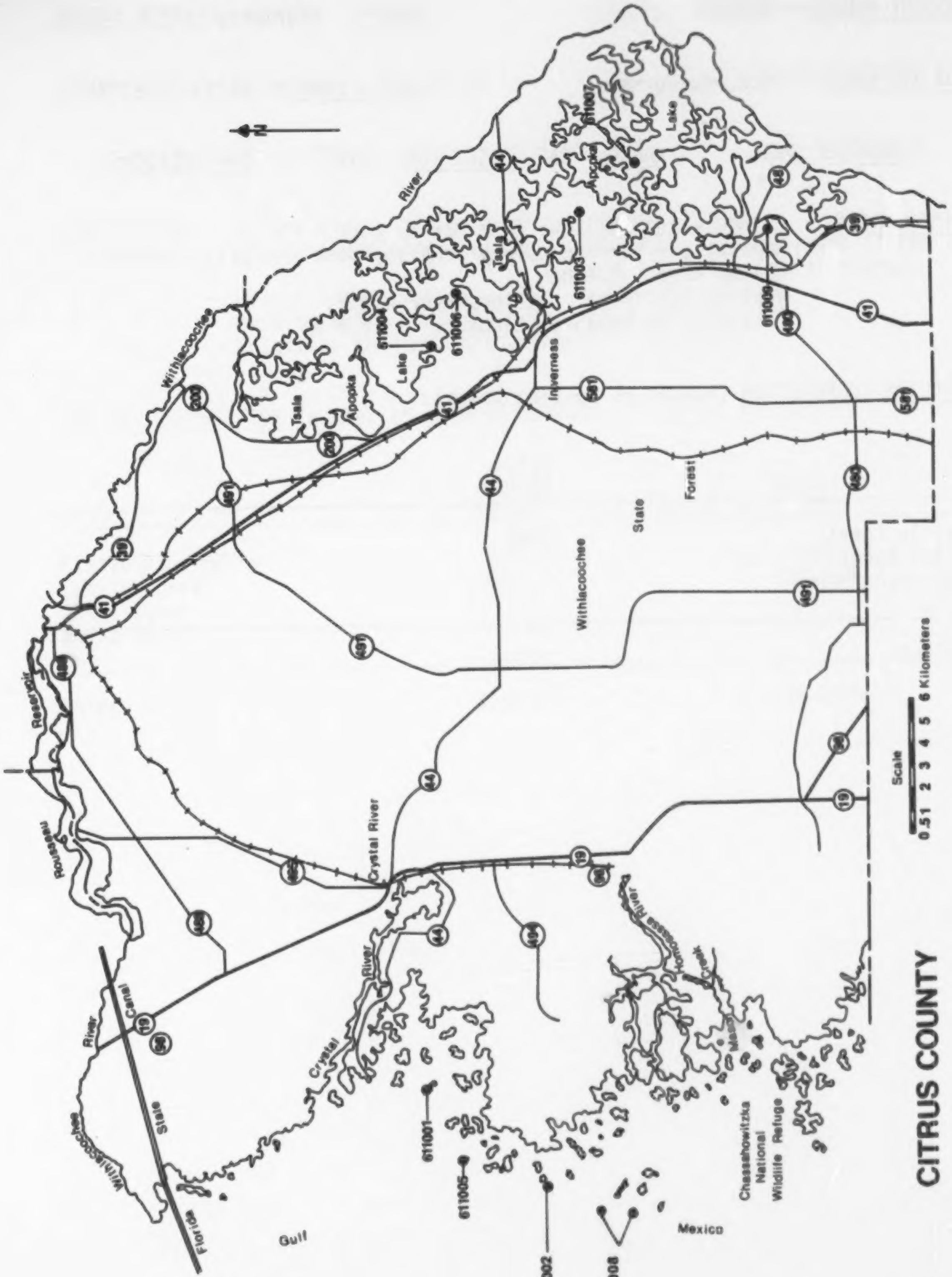
COLONY NAME: Tucker's Corner LAT. - LONG.: 26°51' - 81°47'

TOWNSHIP: 42S RANGE: 25E SECTION: 1/2 1/4 SECTION:

DESCRIPTION: Colony site: Willows in a marshy pond.
Habitat surrounding colony: Marshy pond and palm/pinewoods.
Colony area: 1.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	1000
Great Egret	+
Louisiana Heron	+
TOTALS	1000+


N
Withlacoochee River
Tsala Apopka Lake
611004
611006
611003
611007
611009
Inverness
Withlacoochee State Forest
Rousseau Reservoir
Crystal River
Crystal River
Homosassa River
Mason Creek
Chassahowitzka National Wildlife Refuge
Gulf of Mexico
Florida State Canal
Withlacoochee River
611001
611005
611002
611008
19
98
41
44
48
39
200
581
491
486
488
480
495
490
464
Scale
0.51 2 3 4 5 6 Kilometers

CITRUS COUNTY

COLONY NUMBER: 611001 COUNTY: Citrus

COLONY NAME: Crystal Bay LAT. - LONG.: 28°53' - 82°41'

TOWNSHIP: 18S RANGE: 16E SECTION: 28 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 1.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	5	empty	1-5	15+	10-15+
Little Blue Heron	+		---	+	---
Cattle Egret	---		---	---	1000
Great Egret	75		15-25	55	---
Snowy Egret	---		---	---	+
Louisiana Heron	+		---	+	++
Black-crowned Night Heron	---		---	---	+
White Ibis	---		50-100	200-250	50+
TOTALS	80+	0	66-130	270-320+	1060-1065+

COLONY NUMBER: 611002 COUNTY: Citrus

COLONY NAME: Grey Mare Pass LAT. - LONG.: 28°50' - 82°44'

TOWNSHIP: 19S RANGE: 15E SECTION: 12 1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Blue Heron	+
Great Egret	30+
TOTALS	30+

COLONY NUMBER: 611003 COUNTY: Citrus

COLONY NAME: Lake Tsala Apopka LAT. - LONG.: 28°49' - 82°16'

TOWNSHIP: 19S RANGE: 20E SECTION: 24 1/4 SECTION: SW

DESCRIPTION:
Colony site: Shrub island in marshy lake.
Habitat surrounding colony: Freshwater marshy lake.
Colony area: 0.1 ha
Nesting substrate: Willows, elderberry, and wax myrtle over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Little Blue Heron	---	+	---	---
Cattle Egret	500	1000+	50+	300-400
Great Egret	++	50+	75-100	25-50
Snowy Egret	---	---	+	---
Louisiana Heron	---	---	---	+
TOTALS	500+	1050+	125-150+	325-450+

COLONY NUMBER: 611004 **COUNTY**: Citrus

COLONY NAME: Lake Tsala Apopka West **LAT. - LONG.**: 28°53' - 82°20'

TOWNSHIP: 18S **RANGE**: 20E **SECTION**: 32 **1/4 SECTION**:

DESCRIPTION: Colony site: Willowhead in marshy lake.
Habitat surrounding colony: Freshwater marshy lake.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: 1976 -> 0.8 km
1978 -< 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Anhinga	+	15-20	---	---
Great Blue Heron	---	---	6-8	---
Cattle Egret	700-1000	---	---	200
Great Egret	---	---	3	+
TOTALS	700-1000+	15-20	9-11	200+

COLONY NUMBER: 611005 COUNTY: Citrus

COLONY NAME: Mangrove Point LAT. - LONG.: 28°52' - 82°44'

TOWNSHIP: 18S RANGE: 15E SECTION: 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 2.0 ha
Nesting substrate: Medium-height shrubs.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976
Brown Pelican	30
Double-crested Cormorant	500
Great Blue Heron	30
Little Blue Heron	80
Great Egret	200
Snowy Egret	100
Louisiana Heron	300
Black-crowned Night Heron	50
Yellow-crowned Night Heron	10
White Ibis	200
TOTALS	1500

COLONY NUMBER: 611006 **COUNTY:** Citrus

COLONY NAME: Northeast Inverness **LAT. - LONG.:** 28°52' - 82°19'

TOWNSHIP: 19S **RANGE:** 20E **SECTION:** 4 **1/4 SECTION:**

DESCRIPTION:
Colony site: Shrub island in marshy lake.
Habitat surrounding colony: Freshwater marshy lake.
Colony area: 0.4 ha
Nesting substrate: Willows and myrtle bushes (mostly dead) over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	400
Louisiana Heron	+
TOTALS	400+

COLONY NUMBER: 611007 **COUNTY**: Citrus

COLONY NAME: Southwest of Grand Prairie **LAT. - LONG.**: 28°48' - 82°15'

TOWNSHIP: 19S **RANGE**: 21E **SECTION**: 31 **1/4 SECTION**:

DESCRIPTION:
Colony site: Willowhead in marshy lake.
Habitat surrounding colony: Freshwater marshy lake.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	400
TOTALS	400

COLONY NUMBER: 611008 COUNTY: Citrus

COLONY NAME: St. Martin's Islands (Subcolony 1: North) LAT. - LONG.: 28°49' - 82°45'

TOWNSHIP: 19S RANGE: 15E SECTION: 24/25 1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 2.6 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Doubled-crested Cormorant	---	---	---	400+	---
Great Blue Heron	10	5-10	5-10	5	+
Great Egret	60	150+	75	55	30
TOTALS	70	155-160+	80-85	460+	30+

COLONY NUMBER: 611008

COUNTY: Citrus

COLONY NAME: St. Martin's Islands
(Subcolony 2: South)

LAT. - LONG.: 28°48' - 82°45'

TOWNSHIP: 19S RANGE: 15E SECTION: 24/25 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 2.6 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	empty	---	300-400	+
Great Blue Heron	40-50		5-10	10	3
Great Egret	100		25-50	15-20	5
Snowy Egret	---		++	---	---
White Ibis	50+*		50-100	---	---
TOTALS	140-150 50+*	0	80-160+	325-430	8+

*non-nesting individuals

COLONY NUMBER: 611009 **COUNTY:** Citrus

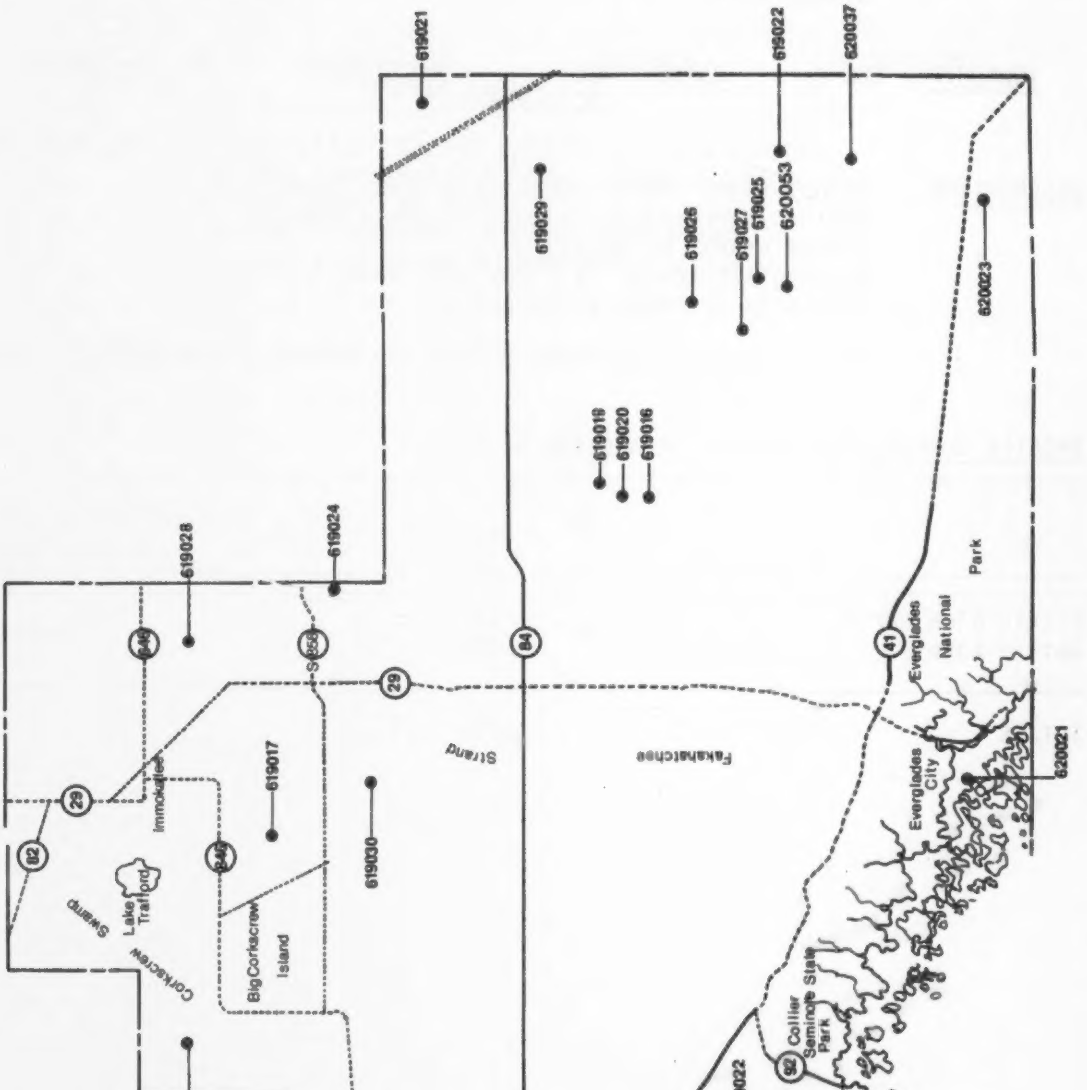
COLONY NAME: Tsala Apopka South **LAT. - LONG.:** 28°44' - 82°17'

TOWNSHIP: 20S **RANGE:** 20E **SECTION:** 23 **1/4 SECTION:** N

DESCRIPTION:
Colony site: Willowhead in marshy lake.
Habitat surrounding colony: Willows and freshwater marshy lake.
Colony area: 0.3 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Anhinga	+	+	---	---	---
Great Blue Heron	1	---	---	---	---
Little Blue Heron	+	---	+	+	---
Cattle Egret	300+	500-1000	1000+	1000	1500
Great Egret	25+	---	25	10	+
Snowy Egret	++	---	---	---	---
Louisiana Heron	---	---	+	+	+
White Ibis	50-100	---	---	---	---
TOTALS	376-426+	500-1000+	1025+	1010+	1500+


COLLIER COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers
Gulf of Mexico
Naples
Marco Island
Collier Seminole State Park
Everglades City
Everglades National Park
Fakahatchee
Strand
Big Corkscrew Island
Corkscrew Swamp
Lake Trafford
Immokalee
41
84
29
82
846
S858
S856
S951
92
619018
619028
619024
619021
619017
619030
619029
619019
619020
619016
619026
619027
619025
620053
619022
620037
620023
620021
620022

COLONY NUMBER: 619016 **COUNTY:** Collier

COLONY NAME: Big Cypress 3
(Subcolonies 1 and 2)

LAT. - LONG.: 26°05' - 81°11'

TOWNSHIP: 50S **RANGE:** 31E
(SE corner) **SECTION:** **1/4 SECTION:**

DESCRIPTION: Colony site: Marsh ponds in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

Note: Subcolonies 1 and 2 were not censused separately

SPECIES COMPOSITION (number of nesting pairs):

	July 1977
Little Blue Heron	25+
Cattle Egret	100+
TOTALS	125+

COLONY NUMBER: 619016 COUNTY: Collier

COLONY NAME: Big Cypress 3
(Subcolony 3)
LAT. - LONG.: 26°05' - 81°11'

TOWNSHIP: 50S RANGE: 31E
(SE corner)
SECTION: 1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond in a cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977
Little Blue Heron	50
Cattle Egret	1
TOTALS	51

COLONY NUMBER: 619017 **COUNTY**: Collier

COLONY NAME: Camp Keais **LAT. - LONG.**: 26°20' - 81°28'

TOWNSHIP: 48S **RANGE**: 29E **SECTION**: 6 **1/4 SECTION**: SW

DESCRIPTION: Colony site: Marshy pond in cypress strand.
Habitat surrounding colony: Flag marsh and cypress.
Colony area: 1.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	May 1978	June 1978
Little Blue Heron	50++	---	+
Cattle Egret	2500-3000	2000+	2500
Great Egret	---	50	+
Snowy Egret	---	+	---
Louisiana Heron	---	+	---
TOTALS	2550-3050+	2050+	2500+

COLONY NUMBER: 619018 COUNTY: Collier

COLONY NAME: Corkscrew (Subcolony 1) LAT. - LONG.: 26°22' - 81°37'

TOWNSHIP: 47S RANGE: 27E SECTION: 9/10 1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Freshwater marsh in a cypress strand.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	June 1978
Little Blue Heron	---	+
Cattle Egret	1000-1200	1000
Louisiana Heron	---	+
TOTALS	1000-1200	1000+

COLONY NUMBER: 619018 COUNTY: Collier

COLONY NAME: Corkscrew (Subcolony 2) LAT. - LONG.: 26°22' - 81°37'

TOWNSHIP: 47S RANGE: 27E SECTION: 16/21/22 1/4 SECTION:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Jan. 1976	April 1976	Feb. 1978	April 1978
Great Egret	---	25-50	empty	empty
Wood Stork	2300	1800		
TOTALS	2300	1825-1850	0	0

COLONY NUMBER: 619018 COUNTY: Collier

COLONY NAME: Corkscrew (Subcolony 3) LAT. - LONG.: 76°23' - 81°37'

TOWNSHIP: 47S RANGE: 27E SECTION: 15 1/4 SECTION: NW

DESCRIPTION: Colony site: Cypress around a pond.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	June 1978
Great Blue Heron	5	50+	5	---
Cattle Egret*	---	200+	---	---
Great Egret	120+	200+	200+	150
Wood Stork	---	200±	---	---
TOTALS	125+	650+	205+	150

*Cattle Egrets in willows

COLONY NUMBER: 619019 COUNTY: Collier

COLONY NAME: East of Northwest Oil Road LAT. - LONG.: 26°07' - 81°11'

TOWNSHIP: 50S RANGE: 31E SECTION: 13 1/4 SECTION:

DESCRIPTION:
Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	75
TOTALS	75

COLONY NUMBER: 619020 COUNTY: Collier

COLONY NAME: West of Northwest Oil Road LAT. - LONG.: 26°06' - 81°11'

TOWNSHIP: 50S RANGE: 31E SECTION: 24 1/4 SECTION:

DESCRIPTION:
Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Egret	20
TOTALS	20

COLONY NUMBER: 619021

COUNTY: Collier

COLONY NAME: L-28 Interceptor

LAT. - LONG.: 26°14' - 80°54'

TOWNSHIP: 49S RANGE: 34E SECTION: 13/14 1/4 SECTION:

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	15-20	empty	empty	empty	empty
Cattle Egret	150				
TOTALS	165-170	0	0	0	0

COLONY NUMBER: 619022 **COUNTY**: Collier

COLONY NAME: North of 11-Mile Oil Road **LAT. - LONG.**: 26°00' - 80°55'

TOWNSHIP: 51S **RANGE**: 34E **SECTION**: 27/28 **1/4 SECTION**:

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	25
Cattle Egret	300
Great Egret	25-35
TOTALS	350-360

COLONY NUMBER: 619024 **COUNTY:** Collier

COLONY NAME: Okaloacoochee South **LAT. - LONG.:** 26°17' - 81°16'

TOWNSHIP: 48S **RANGE:** 30E **SECTION:** 24 **1/4 SECTION:**

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Willows in impoundment surrounded by pasture and farmland.
Colony area: 0.8 ha - 2.0 ha (depending on year)
Nesting substrate: Willows.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	July 1976	July 1977	April 1978	June 1978
Anhinga	+	---	---	---	---
Great Blue Heron	---	---	---	1	---
Little Blue Heron	25	100-300	+	---	+
Cattle Egret	200-300	7000-10,000	1000-1500	---	1750
Great Egret	10-15+	200+	---	70	+
Snowy Egret	---	++	---	+	---
Louisiana Heron	---	---	---	---	+
Glossy Ibis	---	---	---	+	---
White Ibis	+	1000-2000	---	---	+
TOTALS	235-340+	8300-12,500+	1000-1500+	71+	1750+

COLONY NUMBER: 619025 **COUNTY**: Collier

COLONY NAME: Quakenassee **LAT. - LONG.**: 26°00' - 81°01'

TOWNSHIP: 51S **RANGE**: 33E **SECTION**: 21/28 **1/4 SECTION**:

DESCRIPTION:
Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976	July 1977
Little Blue Heron	100	200-250
Cattle Egret	+	5-10
Great Egret	5-10	1
TOTALS	105-110+	206-261

COLONY NUMBER: 619026

COUNTY: Collier

COLONY NAME: North of Quakenassee

LAT. - LONG.: 26°03' - 81°03'

TOWNSHIP: 51S RANGE: 33E SECTION: 5 1/4 SECTION: S mid

DESCRIPTION:
Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Cypress.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Egret	50
TOTALS	50

COLONY NUMBER: 619027 **COUNTY**: Collier

COLONY NAME: Southwest of Quakenassee **LAT. - LONG.**: 26°01' - 81°04'

TOWNSHIP: 51S **RANGE**: 33E **SECTION**: 19 **1/4 SECTION**: NW

DESCRIPTION:
Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	25
Cattle Egret	100
TOTALS	125

COLONY NUMBER: 619028 COUNTY: Collier

COLONY NAME: Sadie Cypress LAT. - LONG.: 26°24' - 81°18'

TOWNSHIP: 47S RANGE: 30E SECTION: 11/14 1/4 SECTION:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress stand, pasture and prairie.
Colony area: No data.
Nesting substrate: Cypress.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	January 1976	April 1978
Wood Stork	35	empty
TOTALS	35	0

COLONY NUMBER: 619029 **COUNTY:** Collier

COLONY NAME: WD Ranch **LAT. - LONG.:** 26°09' - 80°57'

TOWNSHIP: 50S **RANGE:** 34E **SECTION:** 5 **1/4 SECTION:** S

DESCRIPTION:
Colony site: Marshy pond.
Habitat surrounding colony: Cypress and freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Little Blue Heron	+
Cattle Egret	300++
Great Egret	5-10
TOTALS	305-310+

COLONY NUMBER: 619030 **COUNTY:** Collier

COLONY NAME: Sunniland **LAT.- LONG.:** 26°16' - 81°25'

TOWNSHIP: 48S **RANGE:** 29E **SECTION:** 33 **1/4 SECTION:** N

DESCRIPTION: Colony site: Pond in cypress dome.
Habitat surrounding colony: Cypress strand and farmland.
Colony area: 0.4 ha - 1.4 ha (depending on year)
Nesting substrate: Cypress, willows, and swamp shrubs over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	July 1977	May 1978	June 1978
Little Blue Heron	empty	50-100±	50+	+++	---
Cattle Egret		1500±	400-500	---	15
Great Egret		100-200	+	30	---
Egret spp. (Cattle & Snowy)		---	---	100-150	---
TOTALS	0	1650-1800±	450-550+	130-180+	15

COLONY NUMBER: 620021 **COUNTY:** Collier

COLONY NAME: Chokoloskee Bay **LAT. - LONG.:** 25°51' - 81°25'

TOWNSHIP: 53S **RANGE:** 29E **SECTION:** 21 **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	June 1978
Brown Pelican	150+	---	200	250	50	225
Double-crested Cormorant	---	---	200	60	30	175
Great Egret	50	125-150	90	5	---	95
Snowy Egret	---	50-75	---	---	---	---
Louisiana Heron	---	50±	---	---	---	---
TOTALS	200+	225-275±	490	315	80	495

COLONY NUMBER: 620022 **COUNTY:** Collier

COLONY NAME: Marco ABC (Subcolonies 1 and 2)** **LAT. - LONG.:** 25°58' - 81°42'

TOWNSHIP: 52S **RANGE:** 26E **SECTION:** 9/10 **1/4 SECTION:** NE/NW

DESCRIPTION: Colony site: Non-barrier coastal spoil islands.
Habitat surrounding colony: Open water in area of mangrove islands and urban development.

Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	(1 and 2) April 1976	(1 and 2) June 1976	Flight line count (1 and 2) April 1977	(1 and 2) July 1977	(1) April 1978	(1) June 1978
Brown Pelican	---	---	---	---	+++	200
Double-crested Cormorant	100	---	---	---	---	---
Little Blue Heron	---	50	---	50±	---	50
Cattle Egret	---	500	---	500++	---	500
Great Egret	50-100	75-100	60	50±	50++	+
Snowy Egret	50	+	300	---	200*	---
Louisiana Heron	---	50-100	250	+	---	+
TOTALS	200-250	675-750+	610	600+	50+ 200*	750+

*non-nesting individuals

**wader colony found only on A and B islands in 1976 and 1977. Subcolonies were not censused separately those years. Nesting found on C in 1978. Data were collected separately for all 3 subcolonies in 1978. Subcolony 1 = Island A, subcolony 2 = Island B, and subcolony 3 = Island C.

COLONY NUMBER: 620022 COUNTY: Collier

COLONY NAME: Marco ABC (Subcolony 2) LAT. - LONG.: 25°58' - 81°42'

TOWNSHIP: 52S RANGE: 26E SECTION: 9/10 1/4 SECTION: NE/NW

DESCRIPTION: Colony site: Non-barrier coastal spoil island
Habitat surrounding colony: Open water in area of mangrove islands and urban development.
Colony area: 0.2 ha
Nesting substrate: Mangrove.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	June 1978
Brown Pelican	+++	150
Little Blue Heron	---	+
Cattle Egret	---	+
Great Egret	90-100	100
Louisiana Heron	---	+
TOTALS	90-100+	250+

COLONY NUMBER: 620022 **COUNTY**: Collier

COLONY NAME: Marco ABC (Subcolony 3) **LAT. - LONG.**: 25°58' - 81°42'

TOWNSHIP: 52S **RANGE**: 26E **SECTION**: 9/10 **1/4 SECTION**: NE/NW

DESCRIPTION: Colony site: Non-barrier coastal spoil island.
Habitat surrounding colony: Open water in area of mangrove islands and urban development.
Colony area: 0.2 ha
Nesting substrate: Mangrove.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Cattle Egret	50
Louisiana Heron	+
TOTALS	50+

COLONY NUMBER: 620023 COUNTY: Collier

COLONY NAME: Roberts Lake Strand LAT. - LONG.: 25°50' - 80°58'

TOWNSHIP: 53S RANGE: 34E SECTION: 30 1/4 SECTION: N

DESCRIPTION: Colony site: Pond in cypress dome.
Habitat surrounding colony: Cypress strand and freshwater marsh.
Colony area: 0.3 ha
Nesting substrate: Cypress and pond apples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976	March 1977	July 1977	April 1978	July 1978
Great Blue Heron	1-5	empty	1	7	---
Great Egret	250-300		2	100-120	30-40
Snowy Egret	---		---	30-40*	---
TOTALS	251-305	0	3	107-127 30-40*	30-40

*non-nesting individuals

COLONY NUMBER: 620037 COUNTY: Collier

COLONY NAME: 50-mile-bend N #2 LAT. - LONG.: 25°56' - 80°55'
(Big Cypress-Burned Trailer)

TOWNSHIP: 52S RANGE: 34E SECTION: 15/16 1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1977	April 1978	July 1978
Little Blue Heron	---	empty	1
Cattle Egret	---		150
Louisiana Heron	75		+
TOTALS	75	0	151+

COLONY NUMBER: 620053 COUNTY: Collier

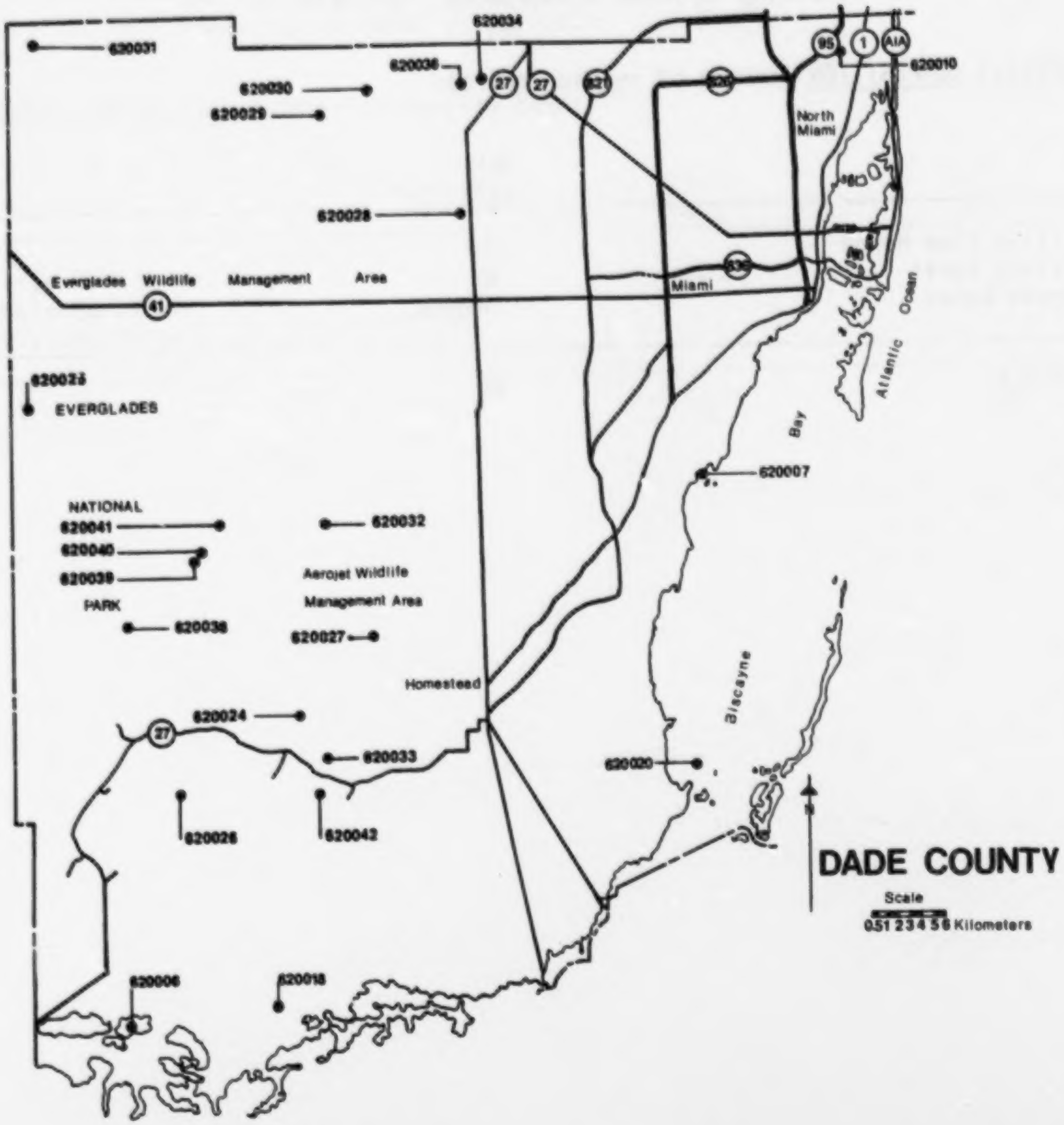
COLONY NAME: North of Lost Dog Prairie LAT. - LONG.: 26°00' - 81°02'

TOWNSHIP: 51S RANGE: 33E SECTION: 28 1/4 SECTION: SW

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	10
Cattle Egret	40
Great Egret	10
TOTALS	60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COLONY NUMBER: 620006 **COUNTY:** Dade

COLONY NAME: Cuthbert **LAT. - LONG.:** 25°13' - 80°46'

TOWNSHIP: 60S **RANGE:** 35E **SECTION:** 13 **1/4 SECTION:**

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Jan. 1976	Mar. 1976	July 1976	Jan. 1977	Mar. 1977	July 1977	Jan. 1978	Mar. 1978	June 1978
Double-crested Cormorant	---	---	empty	25	---	---	30	---	---
Great Egret	75	75		---	100-125	---	---	60	45
Snowy Egret	---	---		---	---	---	---	---	15*
Wood Stork	---	---		---	---	8	---	---	---
TOTALS	75	75	0	25	100-125	8	30	60	45 15*

*non-nesting individuals

COLONY NUMBER: 620007 **COUNTY:** Dade

COLONY NAME: Cutler (Paradise Pt.) **LAT. - LONG.:** 25°38' - 80°17'

TOWNSHIP: 55S **RANGE:** 40E **SECTION:** 25 **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: No data.

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Double-crested Cormorant	350
Little Blue Heron	20
TOTALS	370

COLONY NUMBER: 620010 **COUNTY:** Dade

COLONY NAME: Greynolds Park **LAT. - LONG.:** 25°57' - 80°10'

TOWNSHIP: 52S **RANGE:** 42E **SECTION:** 5 **1/4 SECTION:**

DESCRIPTION:
Colony site: Spoil island in lake.
Habitat surrounding colony: Water.
Colony area: 2.0 ha
Nesting substrate: Mangrove and Casuarina over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check April 1977	Ground check June 1977
Double-crested Cormorant	---	---	3	17
Anhinga	---	6	11	20
Little Blue Heron	---	20	---	8
Green Heron	---	---	1	6
Cattle Egret	50	650	120	435
Great Egret	---	8	2	2
Snowy Egret	---	10	---	1
Louisiana Heron	---	16	---	7
Black-crowned Night Heron	---	---	---	1
Yellow-crowned Night Heron	---	---	---	4
White Ibis	---	150	---	85
Scarlet Ibis	---	4	---	---
TOTALS	50	864	137	586

COLONY NUMBER: 620018 **COUNTY**: Dade

COLONY NAME: Madeira **LAT. - LONG.**: 25°13' - 80°40'

TOWNSHIP: 60S **RANGE**: 37E **SECTION**: 7 **1/4 SECTION**: S

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Mangrove swamp.
Colony area: 0.5 ha
Nesting substrate: Mangroves, part over water, part over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Feb. 1976	Mar. 1976	June 1976	Mar. 1977	July 1977	Mar. 1978	July 1978
Great Egret	75	50-75	empty	75	empty	25-30*	empty
Snowy Egret	---	---		---		---	
Wood Stork	35	---		25		---	
Roseate Spoonbill	---	---		---		15*	
TOTALS	110	50-75	0	100	0	40-45*	0

*non-nesting individuals

COLONY NUMBER: 620020 **COUNTY**: Dade

COLONY NAME: West Arsenicker Key **LAT. - LONG.**: 25°24' - 80°18'

TOWNSHIP: 58S **RANGE**: 40E **SECTION**: 2 **1/4 SECTION**: SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 4.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check May 1976	July 1977	May 1978	July 1978
Double-crested Cormorant	---	---	---	---	75
Great White Heron	---	---	---	---	5
Great Blue Heron	1	---	---	5+	---
Little Blue Heron	---	66	++	---	---
Cattle Egret	400	677	1000-1500	75-100*	500+
Great Egret	35	28	---	20±	20
Louisiana Heron	---	94	++	+**	---
White Ibis	---	75	100+	+**	---
TOTALS	436	940	1100-1600+	25+ 75-100* +**	600+

*non-nesting individuals
**seen in flight lines

COLONY NUMBER: 620024 COUNTY: Dade

COLONY NAME: Context ENP LAT. - LONG.: 25°27' - 80°37'

TOWNSHIP: 57S RANGE: 37E SECTION: 22/27 1/4 SECTION:

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh to the west and hammock to the east.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Anhinga	+*
Little Blue Heron/Cattle Egret	50-100**
Louisiana Heron	10-15*
TOTALS	60-115+*

*young birds, not pairs.
**young birds, not pairs. Predominantly Cattle Egrets.

COLONY NUMBER: 620025 COUNTY: Dade

COLONY NAME: 40-mile bend
(3 subcolonies)

LAT. - LONG.: 25°42' - 80°51'

TOWNSHIP: 55S RANGE: 35E SECTION: 7/8/9 1/4 SECTION:

DESCRIPTION: Colony site: Three willowheads with deeper and/or more open water than surrounding marsh.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha each.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

Note: The subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Little Blue Heron	200
Cattle Egret	+
TOTALS	200+

COLONY NUMBER: 620026 **COUNTY:** Dade

COLONY NAME: Hole-in-Donut **LAT. - LONG.:** 25°23' - 80°44'

TOWNSHIP: 58S **RANGE:** 36E **SECTION:** 28 **1/4 SECTION:** S

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	May 1978	June 1978
Little Blue Heron	25±	25	10	---
Cattle Egret	400-500	325	100	150
Great Egret	1	---	---	---
TOTALS	426-526±	350	110	150

COLONY NUMBER: 620027 **COUNTY**: Dade

COLONY NAME: Homestead Airport **LAT. - LONG.**: 25°30' - 80°34'

TOWNSHIP: 57S **RANGE**: 38E **SECTION**: 6 **1/4 SECTION**: NW

DESCRIPTION:
Colony site: Small willowhead with pond.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	+	empty	empty	empty	empty
Cattle Egret	50				
TOTALS	50+	0	0	0	0

COLONY NUMBER: 620028 **COUNTY:** Dade

COLONY NAME: West of Krome Ave. **LAT. - LONG.:** 25°50' - 80°29'

TOWNSHIP: 53S **RANGE:** 38E **SECTION:** 13/24 **1/4 SECTION:** S/N

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh and canal.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km (highway)

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Little Blue Heron	+
Cattle Egret	500
Great Egret	+
Louisiana Heron	+
TOTALS	500+

COLONY NUMBER: 620029 COUNTY: Dade

COLONY NAME: L-67 Willow LAT.- LONG.: 25°54' - 80°36'

TOWNSHIP: 52S RANGE: 37E SECTION: 23 1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 4.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	Ground check April 1977	June 1977	May 1978	June 1978
Great Blue Heron	---	---	---	+	---	---
Great Egret	---	---	480	100-300	150-175	150-200
Snowy Egret	200-300	15-20	1450	500+	---	---
Louisiana Heron	---	5-10	840	500+	---	---
TOTALS	200-300	20-30	2770	1100-1300+	150-175	150-200

COLONY NUMBER: 620030 **COUNTY:** Dade

COLONY NAME: L-67 Melaleuca **LAT. - LONG.:** 25°55' - 80°36'

TOWNSHIP: 52S **RANGE:** 37E **SECTION:** 13 **1/4 SECTION:**

DESCRIPTION:
Colony site: Melaleuca-head.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Melaleuca.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	March 1977	July 1977	April 1978	June 1978
Double-crested Cormorant	---	---	10-20	empty	---	---
Anhinga	---	5-10	---		+	---
Great Blue Heron	20	5-10	20		50	5
TOTALS	20	10-20	30-40	0	50+	5

COLONY NUMBER: 620031 COUNTY: Dade

COLONY NAME: Northeast of Jetport LAT. - LONG.: 25°58' - 80°51'

TOWNSHIP: 52S RANGE: 35E SECTION: 5/8 1/4 SECTION:

DESCRIPTION: Colony site: Swamp pond.
Habitat surrounding colony: Flag marsh and cypress swamp.
Colony area: No data.
Nesting substrate: Willows and pond apples.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978	
Little Blue Heron	15	
Cattle Egret	50	
Great Egret	5	
Louisiana Heron	20-25	
TOTALS	90-95	

COLONY NUMBER: 620032 COUNTY: Dade

COLONY NAME: Southwest of Grossman Hammock LAT. - LONG.: 25°36' - 80°37'

TOWNSHIP: 55S RANGE: 37E SECTION: 34 1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Little Blue Heron	+*
Cattle Egret	150-200
TOTALS	150-200 +*

*uncertain if nesting

COLONY NUMBER: 620033 COUNTY: Dade

COLONY NAME: Taylor Slough LAT. - LONG.: 25°25' - 80°36'

TOWNSHIP: 58S RANGE: 37E SECTION: 2 1/4 SECTION: NE

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1976	July 1977	April 1978	July 1978
Little Blue Heron	50	25-50	+	empty	---
Cattle Egret	1400	1900-2000	2000±		2800
Louisiana Heron	50	5+	---		300
Glossy Ibis	50	2-3	---		---
White Ibis	500	120+	+		---
TOTALS	2050	2052-2178+	2000+	0	3100

COLONY NUMBER: 620034 COUNTY: Dade

COLONY NAME: 3-B Melaleuca LAT. - LONG.: 25°56' - 80°28'

TOWNSHIP: 52S RANGE: 39E SECTION: 7 1/4 SECTION: SE

DESCRIPTION: Colony site: *Melaleuca*-head
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: *Melaleuca* over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	October 1977	May 1978	June 1978
Anhinga	+	---	---
Great Blue Heron	+	5+	8-10
Cattle Egret	100±	100±	200-300
Great Egret	+	10+	---
TOTALS	100+	115±	208-310

COLONY NUMBER: 620035 **COUNTY:** Dade

COLONY NAME: 3-A Willow **LAT. - LONG.:** 2 miles west of L-67 A in Conservation Area 3A
Note: No lat.-long. given.

TOWNSHIP: **RANGE:** **SECTION:** **1/4 SECTION:**

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Little Blue Heron	30
Green Heron	+
TOTALS	30+

COLONY NUMBER: 620036 **COUNTY:** Dade

COLONY NAME: 3-B Willow **LAT. - LONG.:** 25°56' - 80°29'

TOWNSHIP: 52S **RANGE:** 38E **SECTION:** 12 **1/4 SECTION:**

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	October 1977	June 1978
Anhinga	+	---
Great Blue Heron	+	5
Cattle Egret	100	---
Great Egret	+	20
TOTALS	100+	25

COLONY NUMBER: 620038 **COUNTY**: Dade

COLONY NAME: Planaria **LAT. - LONG.**: 25°31 - 80°47'

TOWNSHIP: 57S **RANGE**: 35E **SECTION**: 12 **1/4 SECTION**:

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	6
Louisiana Heron	5*
TOTALS	6 5*

*non-nesting individuals

COLONY NUMBER:	620039	COUNTY:	Dade
COLONY NAME:	West of Black Hammock #1	LAT. - LONG.:	25°35' - 80°43'

TOWNSHIP: 56S RANGE: 36E SECTION: 22 1/4 SECTION: W mid

DESCRIPTION:
Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	30
Louisiana Heron	30
TOTALS	60

COLONY NUMBER: 620040 COUNTY: Dade

COLONY NAME: West of Black Hammock #2 LAT. - LONG.: 25°35' - 80°43'

TOWNSHIP: 56S RANGE: 36E SECTION: 22 1/4 SECTION: N mid

DESCRIPTION:
Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	30
Louisiana Heron	30
TOTALS	60

COLONY NUMBER: 620041 **COUNTY:** Dade

COLONY NAME: West of Black Hammock #3 **LAT. - LONG.:** 25°36' - 80°42'

TOWNSHIP: 56S **RANGE:** 36E **SECTION:** 14 **1/4 SECTION:** NE

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	30
Louisiana Heron	30
TOTALS	60

COLONY NUMBER: 620042 COUNTY: Dade

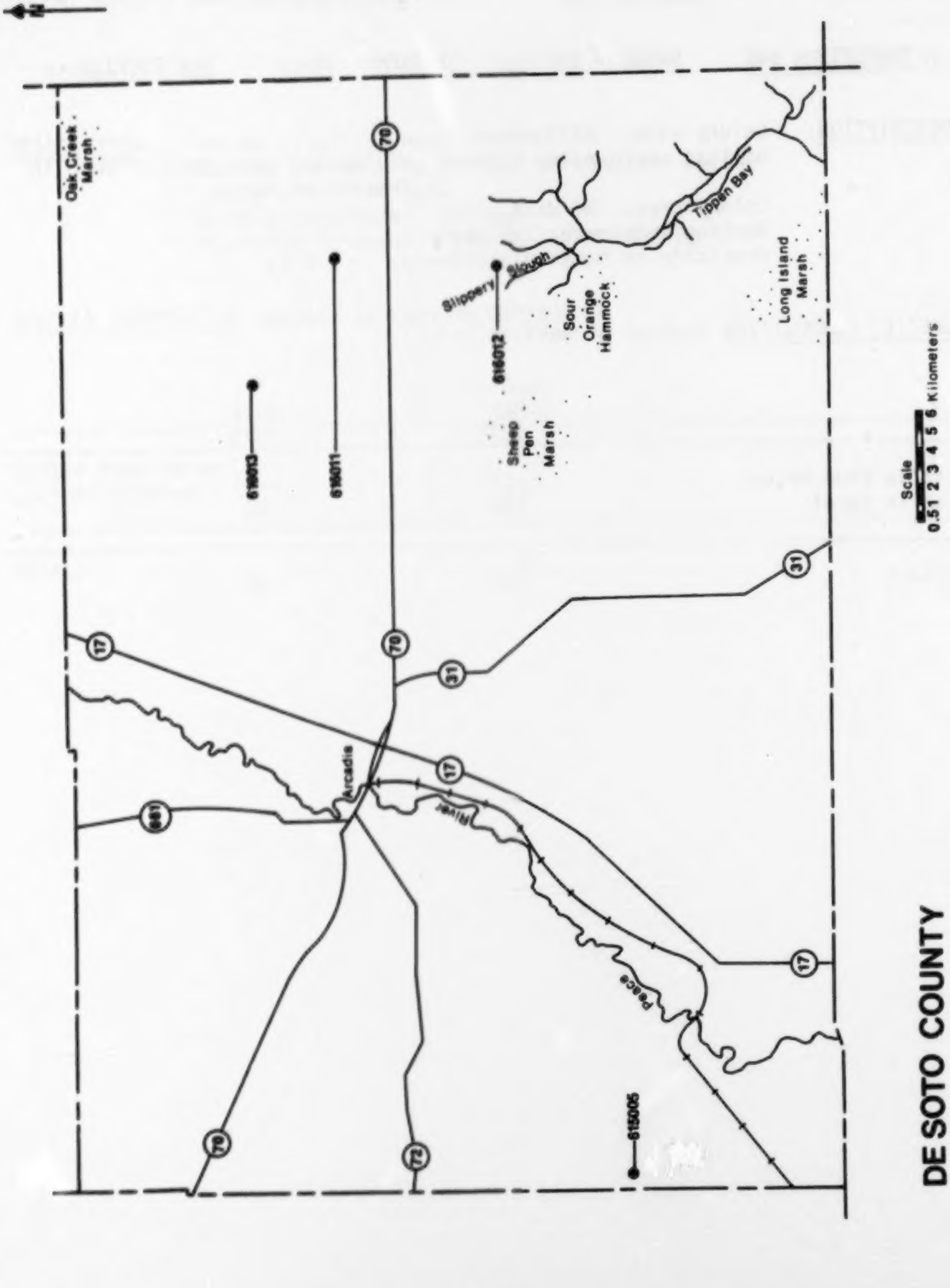
COLONY NAME: Anhinga Trail LAT. - LONG.: 25°23' - 80°36'

TOWNSHIP: 58S RANGE: 37E SECTION: 14 1/4 SECTION:

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Willow and pond apple slough in freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	July 1978
Little Blue Heron	15	---
Cattle Egret	150	85
TOTALS	165	85


N
Oak Creek Marsh
70
619013
619011
Slippery Slough
616012
Sour Orange Hammock
Tippen Bay
Long Island Marsh
Sheep Pen Marsh
Scale
0.5 1 2 3 4 5 6 Kilometers
17
31
70
Arcadia
661
River
Peace
70
72
17
615005

DE SOTO COUNTY

COLONY NUMBER: 615005 **COUNTY**: DeSoto

COLONY NAME: Fort Ogden **LAT. - LONG**: 27°07' - 82°03'

TOWNSHIP: 39S **RANGE**: 23E **SECTION**: 6 **1/4 SECTION**:

DESCRIPTION: Colony site: Willow slough.
Habitat surrounding colony: Willow slough and oak woods.
Colony area: 1.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Anhinga	+	---
Great Blue Heron	+	---
Cattle Egret	300	800-1000
Great Egret	100	+
TOTALS	400+	800-1000+

COLONY NUMBER: 616011 COUNTY: DeSoto

COLONY NAME: Big Orange Grove LAT. - LONG: 27°14' - 81°38'

TOWNSHIP: 37S RANGE: 27E SECTION: 29 1/4 SECTION:

DESCRIPTION: Colony site: Shrubs along drainage ditch.
Habitat surrounding colony: Orange grove.
Colony area: 0.1 ha
Nesting substrate: Baccharis and elder over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Little Blue Heron	25+	+
Cattle Egret	150	2000-2500
Louisiana Heron	+	---
TOTALS	175+	2000-2500+

COLONY NUMBER: 616012 **COUNTY**: DeSoto

COLONY NAME: East of Slippery Slough **LAT. - LONG**: 27°10' - 81°38'

TOWNSHIP: 38S **RANGE**: 27E **SECTION**: 17 **1/4 SECTION**: SW

DESCRIPTION:
Colony site: Marshy pond.
Habitat surrounding colony: Marshy pond and freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	3-4	---
Cattle Egret	+	5-10
Great Egret	30	1-2
TOTALS	33+	6-12

COLONY NUMBER: 616013 **COUNTY:** DeSoto

COLONY NAME: Mossy Gully (SW Subcolony 1) **LAT. - LONG:** 27°16 - 81°42

TOWNSHIP: 37S **RANGE:** 26E **SECTION:** 10 **1/4 SECTION:**

DESCRIPTION:
Colony site: Bays in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Bays over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Anhinga	+	empty	+	empty
Great Blue Heron	10		4	
Great Egret	125		50	
Snowy Egret	+		---	
TOTALS	135+	0	54+	0

COLONY NUMBER: 616013

COUNTY: DeSoto

COLONY NAME: Mossy Gully (NE-Subcolony 2)

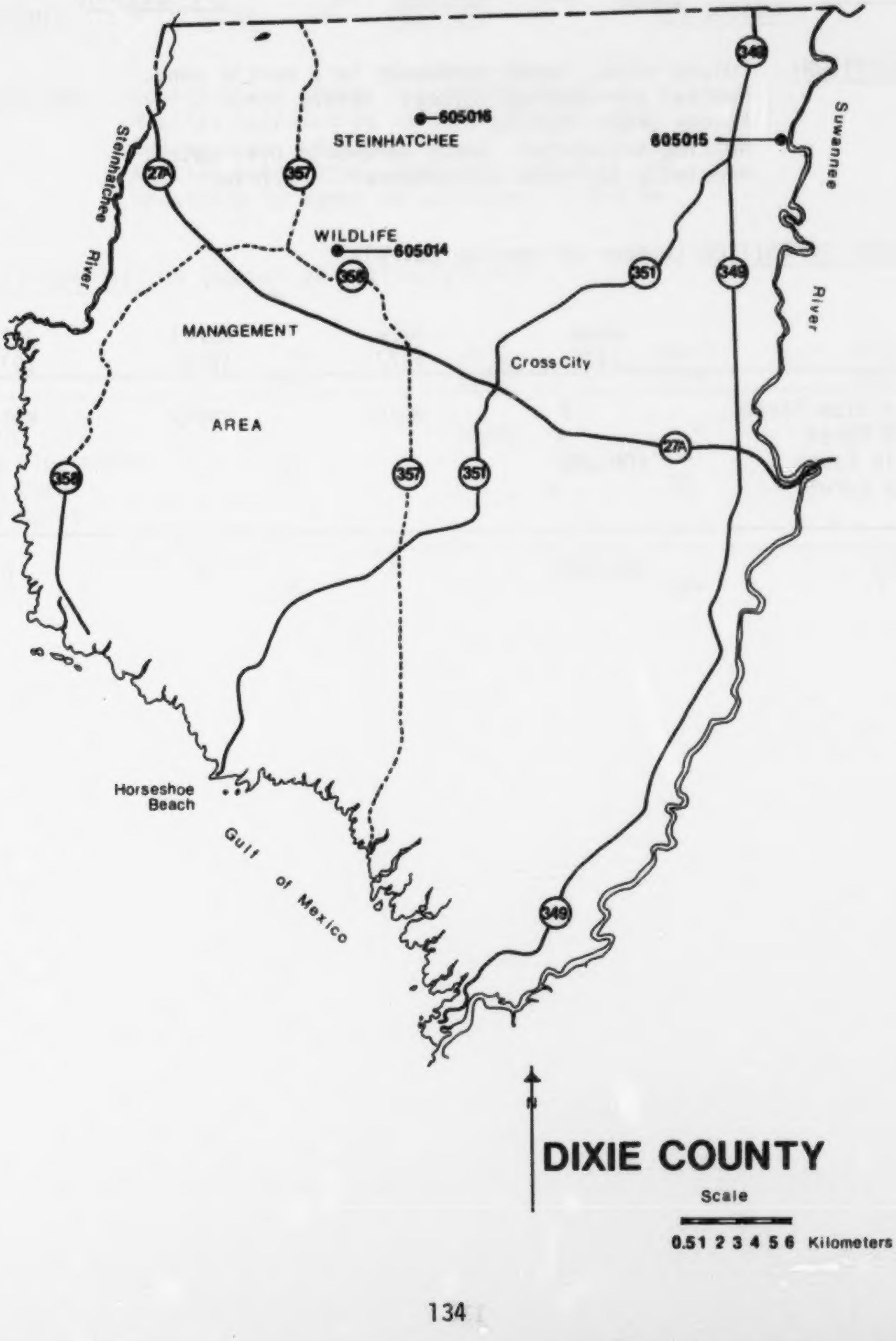
LAT. - LONG: 27°16' - 81°42'

TOWNSHIP: 37S RANGE: 26E SECTION: 10 1/4 SECTION:

DESCRIPTION:
Colony site: Swamp hardwoods in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Swamp hardwoods over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Great Blue Heron	5	empty	empty	emtpy
Great Egret	75			
Cattle Egret	100-200			
Snowy Egret	+			
TOTALS	180-280+	0	0	0


605016
STEINHATCHEE
605015
Steinhatchee River
Suwannee River
27A
357
WILDLIFE
605014
358
MANAGEMENT
351
349
Cross City
AREA
358
357
351
27A
Horseshoe Beach
Gulf of Mexico
349
N
Scale
0.51 2 3 4 5 6 Kilometers

DIXIE COUNTY

COLONY NUMBER: 605014 COUNTY: Dixie

COLONY NAME: Pumpkin Swamp LAT. - LONG.: 29°43' - 83°13'

TOWNSHIP: 9S RANGE: 11E SECTION: 10 1/4 SECTION: SW

DESCRIPTION:
Colony site: Island in swamp.
Habitat surrounding colony: Swamp and pine flatwoods.
Colony area: 4.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Anhinga	50
Cattle Egret	200
Great Egret	100
White Ibis	200
TOTALS	550

COLONY NUMBER: 605015 **COUNTY**: Dixie

COLONY NAME: South of Guaranto Spring **LAT. - LONG.**: 29°45' - 82°57'

TOWNSHIP: 8S **RANGE**: 14E **SECTION**: 30 **1/4 SECTION**: W

DESCRIPTION: Colony site: Buttonbush under cypress.
Habitat surrounding colony: Cypress.
Colony area: 2.0 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Little Blue Heron	+	---	+
Cattle Egret	5000+	---	175
Great Egret	+	40	+
Louisiana Heron	---	---	+
White Ibis	---	---	+
TOTALS	5000+	40	175+

COLONY NUMBER: 605016

COUNTY: Dixie

COLONY NAME: Steinhatchee

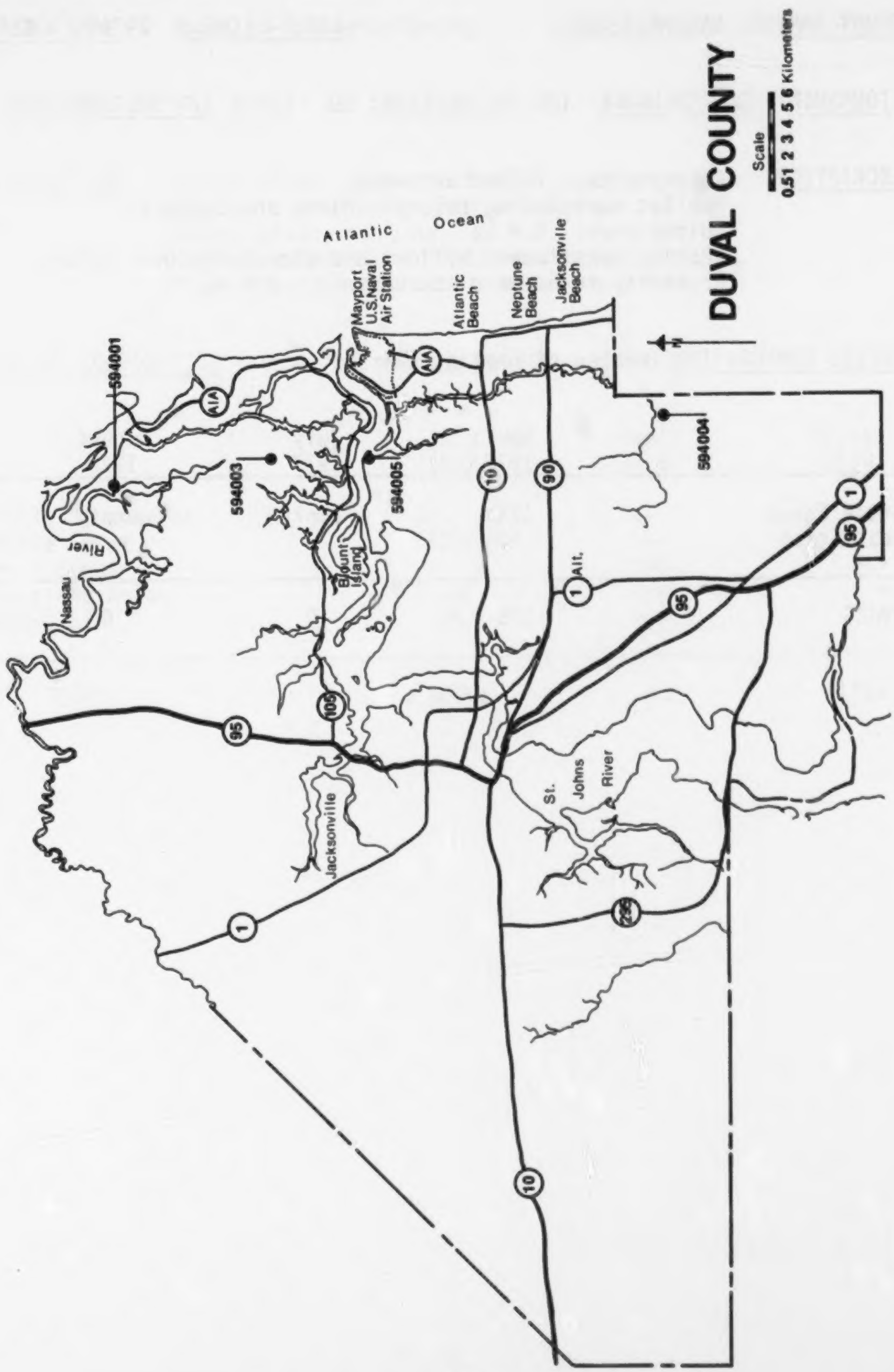
LAT. - LONG.: 29°46' - 83°10'

TOWNSHIP: 8S **RANGE:** 12E **SECTION:** 19 **1/4 SECTION:**

DESCRIPTION: Colony site: Island in swamp.
Habitat surrounding colony: Pines and cypress.
Colony area: 0.4 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	August 1978
Cattle Egret	125	empty	empty
Great Egret	50		
TOTALS	175	0	0


DUVAL COUNTY
Scale
0 .5 1 2 3 4 5 6 Kilometers
N
Atlantic Ocean
Mayport U.S. Naval Air Station
Atlantic Beach
Neptune Beach
Jacksonville Beach
594001
594003
594005
594004
Nassau River
Blount Island
Jacksonville
St. Johns River
A1A
95
1
1 Alt.
10
90
105
295

COLONY NUMBER: 594001 COUNTY: Duval

COLONY NAME: Black Hammock Island LAT. - LONG.: 30°32' - 81°30'

TOWNSHIP: 1N RANGE: 28E SECTION: 4/9 1/4 SECTION:

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Hardwood swamp.
Colony area: 0.2 ha
Nesting substrate: Medium height shrubs over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Great Egret	6	---	empty	empty	empty
White Ibis	---	175*			
TOTALS	6	175*	0	0	0

*non-nesting individuals

COLONY NUMBER: 594003 **COUNTY**: Duval

COLONY NAME: Cedar Point Road **LAT. - LONG.**: 30°26' - 81°28'

TOWNSHIP: 1S **RANGE**: 28E **SECTION**: 2/11 **1/4 SECTION**:

DESCRIPTION:
Colony site: Willows in small pond.
Habitat surrounding colony: Open pasture.
Colony area: 0.8 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Great Blue Heron	---	---	12	---	---
Great Egret	35	50	50	6*	---
Cattle Egret	---	75	30	---	6*
White Ibis	---	50*	---	---	---
TOTALS	35	125 50*	92	6*	6*

*non-nesting individuals

COLONY NUMBER: 594004 **COUNTY:** Duval

COLONY NAME: Dee Dot Ranch **LAT. - LONG.:** 30°13' - 81°27'

TOWNSHIP: 3S **RANGE:** 28E **SECTION:** 24/25 **1/4 SECTION:**

DESCRIPTION: Colony site: Impounded pond.
Habitat surrounding colony: Cypress and wax myrtle in impounded pond.
Colony area: 1976 - 8.0 ha 1978 - 2.7 ha
Nesting substrate: Cypress and wax myrtle.
Proximity to human disturbance: < 0.8 km (hunt camp)

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	April 1978	August 1978
Anhinga	---	---	30	---	---	---
Great Blue Heron	20	---	---	25	+	---
Green Heron	---	---	+	---	---	---
Little Blue Heron	---	20	6	---	---	---
Cattle Egret	---	150	55	---	++	150
Great Egret	50	125	25	200	50-100±	70
Louisiana Heron	---	25	---	---	---	---
Wood Stork	125	45	20	150-200	55-60	20
TOTALS	195	365	136+	375-425	105-160+	240

COLONY NUMBER: 594005 COUNTY: Duval

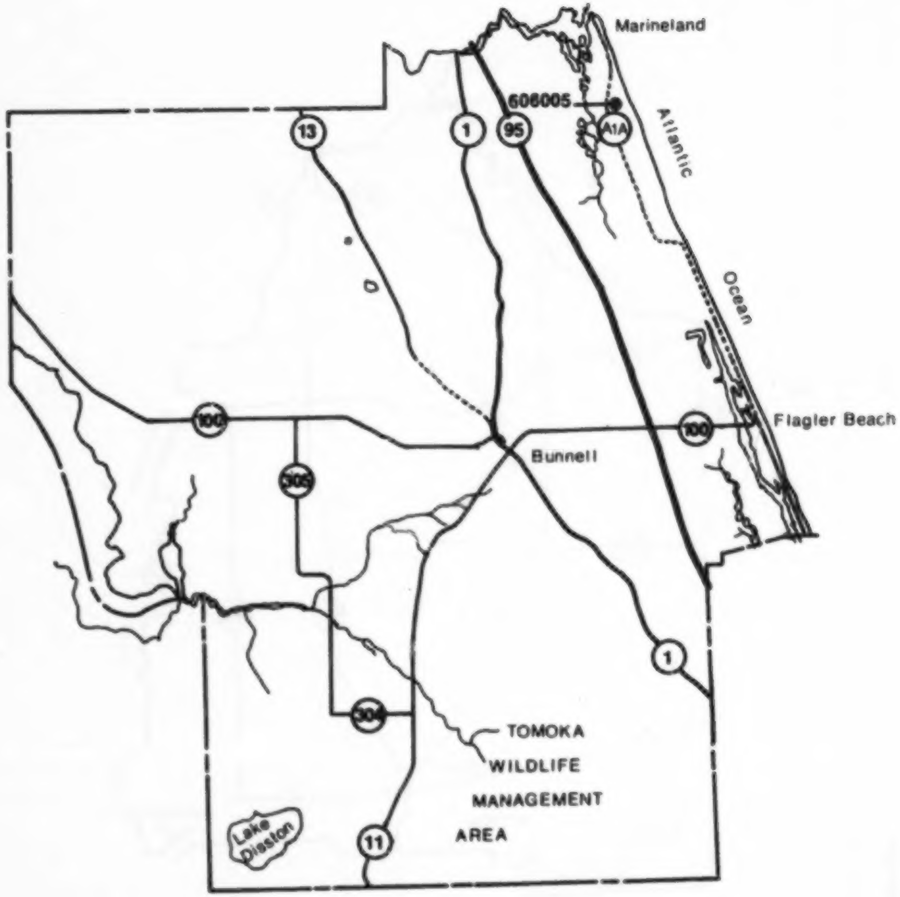
COLONY NAME: Fort Caroline LAT. - LONG.: 30°23' - 81°29'

TOWNSHIP: 1S RANGE: 28E SECTION: 34 1/4 SECTION:

DESCRIPTION: Colony site: Edge of small swamp pond.
Habitat surrounding colony: Swamp, willows, and buttonbush.
Colony area: No data.
Nesting substrate: Pines and maples at seasonally flooded site.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	10	empty	50	20	empty
Great Egret	30		75	100	
TOTALS	40	0	125	120	0


Marineland
606005
Atlantic
Ocean
Flagler Beach
Bunnell
13
1
95
A1A
100
100
305
304
1
11
TOMOKA
WILDLIFE
MANAGEMENT
AREA
Lake Disston
N

FLAGLER COUNTY

Scale

0.51 2 3 4 5 6 Kilometers

COLONY NUMBER: 606005 **COUNTY:** Flagler

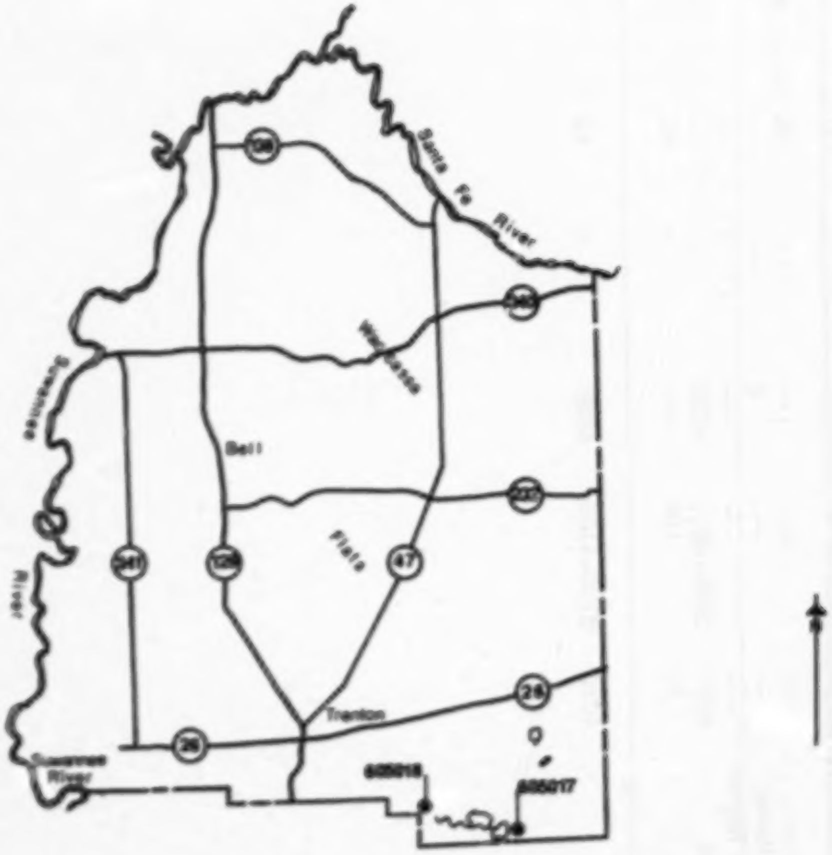
COLONY NAME: Washington Oak **LAT. - LONG.:** 29°37' - 81°12'

TOWNSHIP: 20S **RANGE:** 31E **SECTION:** 20 **1/4 SECTION:** W

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Oaks and pines.
Colony area: 0.4 ha
Nesting substrate: Pines over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Great Blue Heron	10
TOTALS	10


Santa Fe River
138
340
Wannee
Bell
232
Flats
341
129
47
26
Trenton
26
Suwannee
River
Suwannee River
605016
605017

GILCHRIST COUNTY

Scale

0.51 2 3 4 5 6 Kilometers

COLONY NUMBER: 605017 **COUNTY**: Gilchrist

COLONY NAME: McCain Lake **LAT. - LONG.**: 29°34' - 82°42'

TOWNSHIP: 10S **RANGE**: 16E **SECTION**: 33 **1/4 SECTION**: S

DESCRIPTION:
Colony site: Shrub island in pond.
Habitat surrounding colony: Cypress, pine, and marsh.
Colony area: 2.0 ha
Nesting substrate: Cypress and elderberry over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Anhinga	---	---	---	---	20	empty
Great Blue Heron	---	---	8	---	---	
Little Blue Heron	---	---	---	+	---	
Cattle Egret	4000	3000-4000	4200	---	---	
Great Egret	30	100	---	+	40	
TOTALS	4030	3100-4100	4208	+	60	0

COLONY NUMBER: 605018 COUNTY: Gilchrist

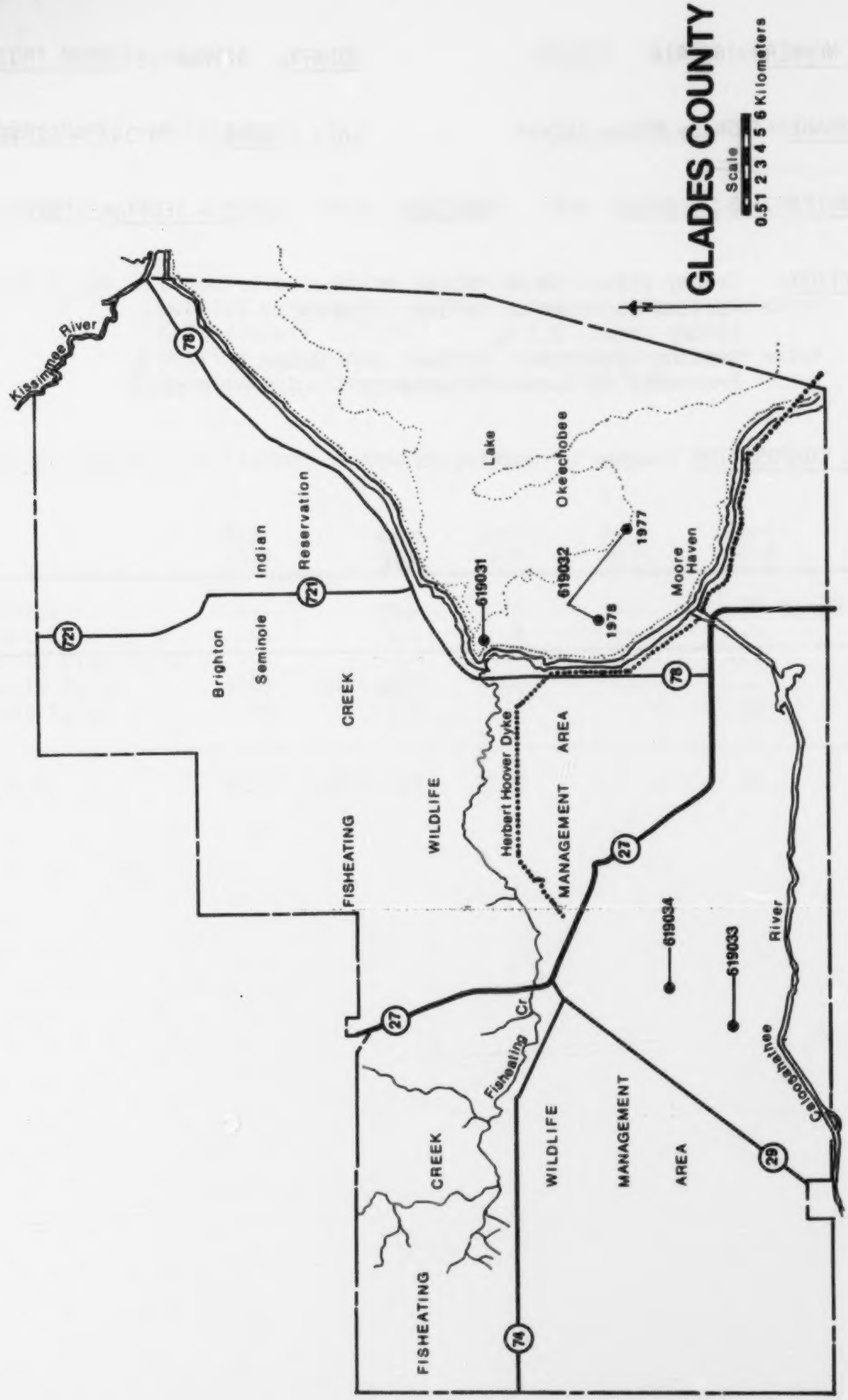
COLONY NAME: Shady Grove Church LAT. - LONG.: 29°35' - 82°45'

TOWNSHIP: 10S RANGE: 16E SECTION: 30 1/4 SECTION: SW

DESCRIPTION:
Colony site: Shrub island in pond.
Habitat surrounding colony: Cypress.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km (roads)

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	120
TOTALS	120


GLADES COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers
N
Kissimmee River
78
Brighton Seminole Indian Reservation
721
Lake Okeechobee
619031
619032
1977
1978
Moore Haven
FISHEATING CREEK WILDLIFE MANAGEMENT AREA
Herbert Hoover Dyke
27
619034
619033
Caloosahatchee River
Fisheating Cr.
29
74

COLONY NUMBER: 619031 **COUNTY**: Glades

COLONY NAME: Fisheating Bay **LAT. - LONG.**: 26°58' - 81°07'

TOWNSHIP: 40S/41S **RANGE**: 32E **SECTION**: 26/35 **1/4 SECTION**:

DESCRIPTION:
Colony site: Willows.
Habitat surrounding colony: Willows and sawgrass.
Colony area: 0.4 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Great Egret	50
TOTALS	50

COLONY NUMBER:	619032	COUNTY:	Glades
COLONY NAME:	Moore Haven	LAT. - LONG.:	1977 - 26°53' - 81°02' 1978 - 26°54' - 81°06'

TOWNSHIP: 1977 - 41S 1978 - 41S	RANGE: 33E 32E	SECTION: 28 23	1/4 SECTION: NW ---

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh and lake.
Colony area: 0.5 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	August 1978
Great Blue Heron	---	+
Little Blue Heron	+	---
Cattle Egret	2500-3000	---
Great Egret	100+	---
Snowy Egret	++	---
Egret spp. (Cattle & Great)	---	2000++
Louisiana Heron	100+	---
White Ibis	+	+
TOTALS	2700-3200+	2000+

COLONY NUMBER: 619033 **COUNTY**: Glades

COLONY NAME: Ortona **LAT. - LONG.**: 26°50' - 81°20'

TOWNSHIP: 42S **RANGE**: 30E **SECTION**: 16/17 **1/4 SECTION**:

DESCRIPTION:
Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh and pines.
Colony area: 0.3 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976
Cattle Egret	1500
TOTALS	1500

COLONY NUMBER: 619034 COUNTY: Glades

COLONY NAME: Turkey Branch LAT. - LONG.: 26°52' - 81°19'

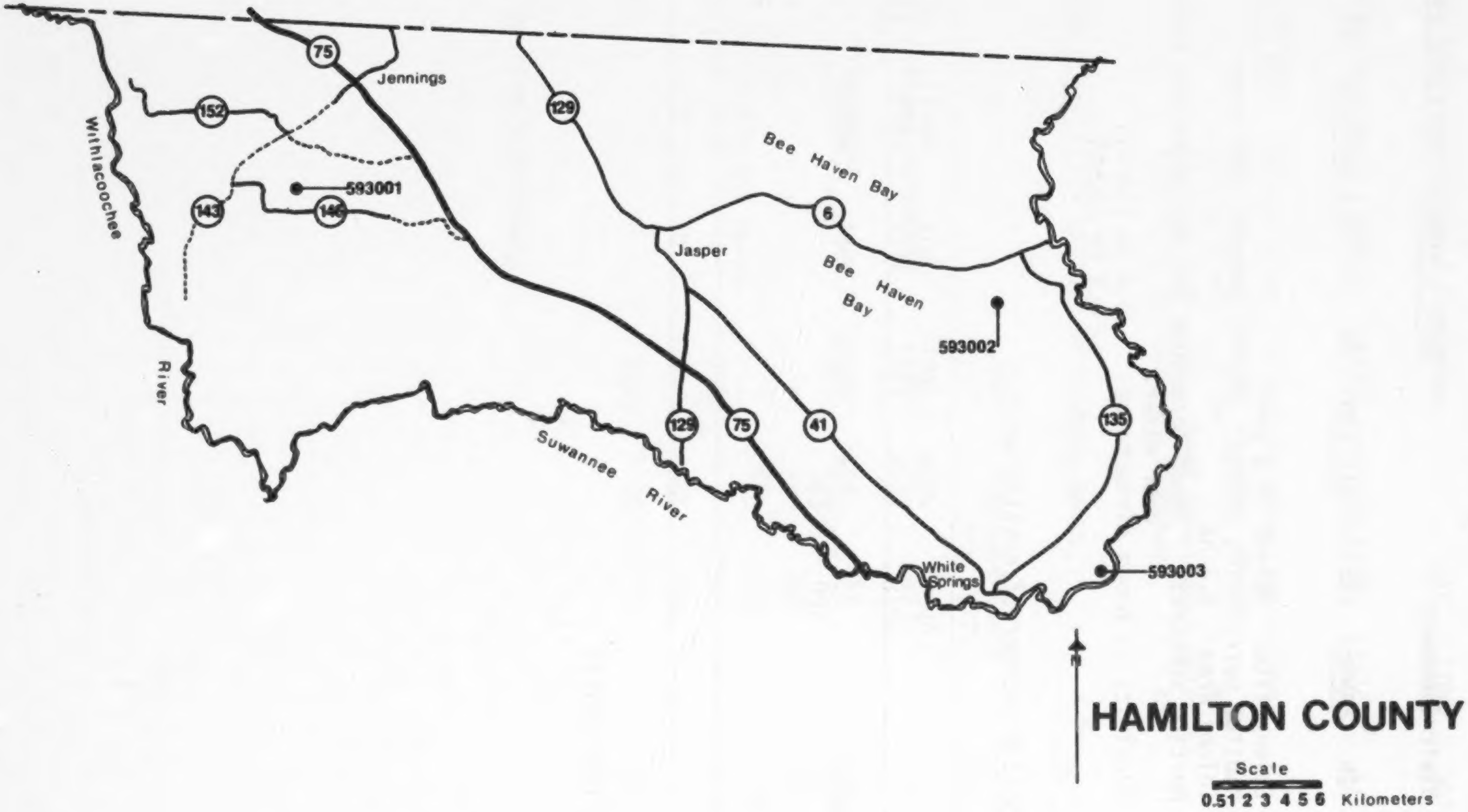
TOWNSHIP: 41S RANGE: 30E SECTION: 34 1/4 SECTION: W

DESCRIPTION:
Colony site: Water oaks in a marshy pond.
Habitat surrounding colony: Willows and flag marsh.
Colony area: No data.
Nesting substrate: Water oaks.
Proximity to human disturbance: < 0.8 km (railroad tracks)

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Great Blue Heron	+	15
Great Egret	75	75
TOTALS	75+	90

HAMILTON COUNTY


Scale
0.5 1 2 3 4 5 6 Kilometers
N
Jennings
Bee Haven Bay
Jasper
Bee Haven Bay
593001
593002
593003
White Springs
Withlacoochee River
Suwannee River
75
152
129
143
146
6
129
75
41
135

COLONY NUMBER: 593001 COUNTY: Hamilton

COLONY NAME: Blair Cemetery LAT. - LONG.: 30°33' - 83°09'

TOWNSHIP: 2N RANGE: 12E SECTION: 30 1/4 SECTION: SE

DESCRIPTION: Colony site: Island in a pond.
Habitat surrounding colony: Water, pasture, and trees.
Colony area: 0.8 ha
Nesting substrate: Swamp hardwoods and medium-height shrubs over water.
Proximity to human disturbance: > 0.8 km (April)
< 0.8 km (June)

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	75	30+	empty	empty	empty	---
Cattle Egret	100	150				4*
Great Egret	20	15				---
Louisiana Heron	---	30				---
TOTALS	195	225+	0	0	0	4*

* non-nesting individuals

COLONY NUMBER: 593002 COUNTY: Hamilton

COLONY NAME: Occidental Phosphate LAT. - LONG.: 30°28' - 82°45'

TOWNSHIP: 1N RANGE: 16/15E SECTION: 19/24 1/4 SECTION:

DESCRIPTION:
Colony site: Island in water impoundment.
Habitat surrounding colony: Water.
Colony area: 6.0 ha
Nesting substrate: Dead trees over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	Ground Check May 1977	April 1978	August 1978
Double-crested Cormorant	1000	250	50	75
Anhinga	---	150	---	---
Little Blue Heron	---	200	---	---
Cattle Egret	4000	4500-5000	500*	200
Great Egret	---	150	100	---
Snowy Egret	---	50	---	---
Black-crowned Night Heron	---	75	---	---
White Ibis	3000	2500	200*	---
TOTALS	8000	7875-8375	150 700*	275

*non-nesting individuals

COLONY NUMBER: 593003 COUNTY: Hamilton

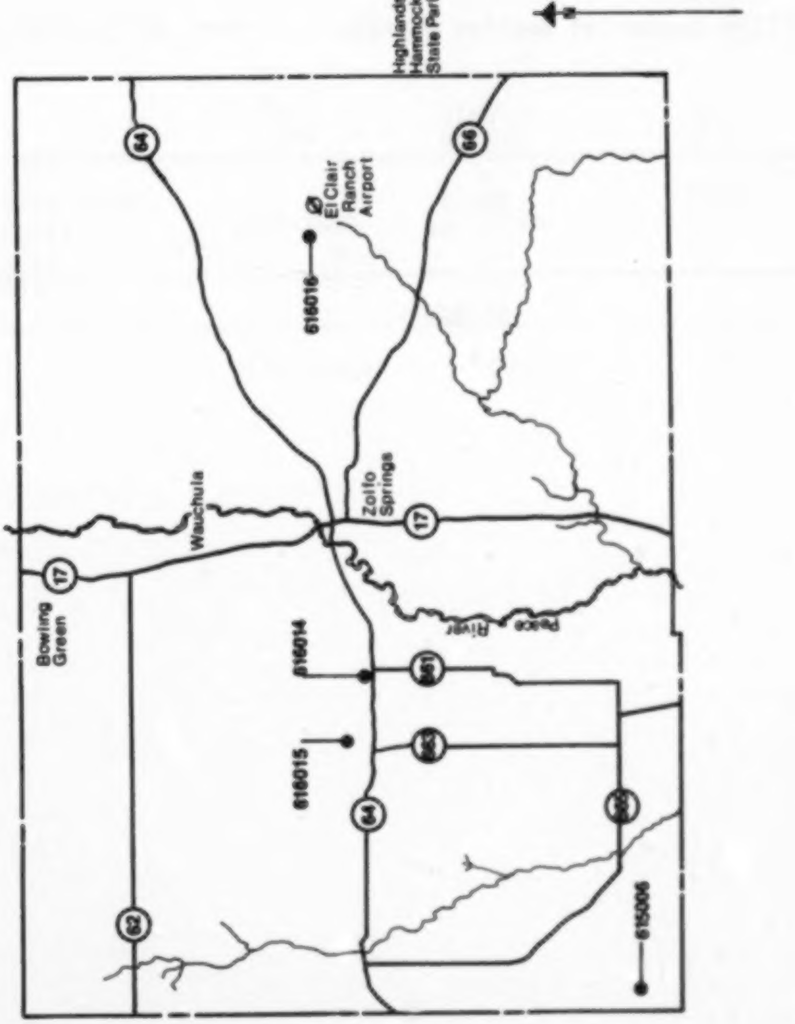
COLONY NAME: White Springs LAT. - LONG.: 30°20' - 82°41'

TOWNSHIP: 2S RANGE: 16E SECTION: 2/11 1/4 SECTION:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: 1977 - 2.0 ha 1978 - 0.6 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	August 1978
Great Blue Heron	---	30	---
Cattle Egret	---	---	150
Great Egret	100	200	---
TOTALS	100	230	150



HARDEE COUNTY

Scale
0.5 1 2 3 4 5 6 Kilometers
Highlands Hammock State Park
El Clair Ranch Airport
616016
64
66
Wauchula
Zolfo Springs
17
Bowling Green
17
616014
661
616015
663
64
62
615006
Peace River

COLONY NUMBER: 615006 COUNTY: Hardee

COLONY NAME: Curtis Road LAT. - LONG: 27°21' - 82°03'

TOWNSHIP: 36S RANGE: 23E SECTION: 7 1/4 SECTION:

DESCRIPTION: Colony site: Willowhead and marshy pond.
Habitat surrounding colony: Freshwater marsh and pasture land.
Colony area: 0.1 ha
Nesting substrate: Medium height shrubs (mostly dead) over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	50-75
Great Egret	5+
TOTALS	55-80+

COLONY NUMBER: 616014 **COUNTY:** Hardee

COLONY NAME: East of Ona **LAT. - LONG:** 27°29' - 81°53'

TOWNSHIP: 34S **RANGE:** 24E **SECTION:** 35 **1/4 SECTION:** NE

DESCRIPTION: Colony site: Willowhead around pond.
Habitat surrounding colony: Mixed woods, freshwater marsh, and pasture.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Little Blue Heron	+	---	empty	+
Cattle Egret	1500-2000	500++		1200
Great Egret	50+	---		---
White Ibis	---	---		+
TOTALS	1550-2050+	500+	0	1200+

COLONY NUMBER: 616015 **COUNTY:** Hardee

COLONY NAME: Northeast of Ona **LAT. - LONG:** 27°30' - 81°55'

TOWNSHIP: 34S **RANGE:** 24E **SECTION:** 28 **1/4 SECTION:**

DESCRIPTION:
Colony site: Three small connected ponds.
Habitat surrounding colony: Hardwoods and pines.
Colony area: No data.
Nesting substrate: Willows and maples over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	1500
Great Egret	50
TOTALS	1550+

COLONY NUMBER: 616016 COUNTY: Hardee

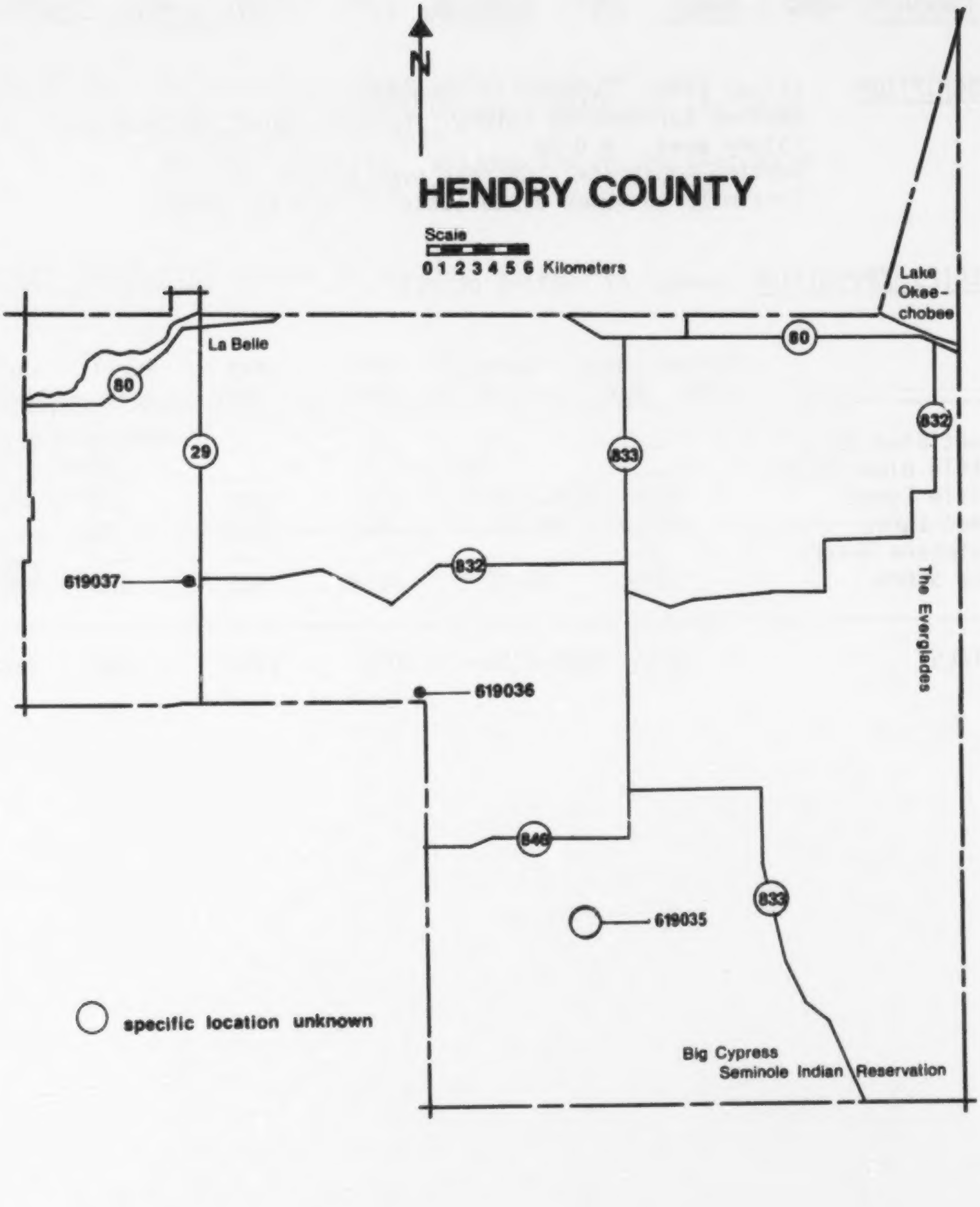
COLONY NAME: El Clair Ranch LAT.- LONG: 27°30' - 81°37'

TOWNSHIP: 34S RANGE: 27E SECTION: 21 1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress in impounded pond.
Habitat surrounding colony: Cypress, pond, and pasture.
Colony area: 4.0 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: <0.8 km (house)

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	June 1976	April 1977	May 1977	April 1978	July 1978
Great Blue Heron	---	---	---	---	25	---
Little Blue Heron	---	+	---	---	---	---
Cattle Egret	1500	1500-2000	500	1000	300	---
Great Egret	---	75-100	150	150	50	---
Louisiana Heron	25	---	---	---	---	---
Wood Stork	250	25-50	425+	425	325	250±
TOTALS	1775	1600-2150+	1075	1575	700	250±


N
HENDRY COUNTY
Scale
0 1 2 3 4 5 6 Kilometers
Lake Okee-chobee
La Belle
80
80
29
833
832
832
619037
619036
846
833
619035
The Everglades
Big Cypress Seminole Indian Reservation
specific location unknown

COLONY NUMBER: 619035 **COUNTY**: Hendry

COLONY NAME: Boggy Slough **LAT. - LONG.**: 26°22' - 81°08'

TOWNSHIP: 47S **RANGE**: 32E (southern part) **SECTION**: **1/4 SECTION**:

DESCRIPTION: Colony site: Swamp pond with willows and pond apples.
Habitat surrounding colony: Cypress.
Colony area: 0.4 ha
Nesting substrate: Willows and pond apples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976	August 1976	June 1977	July 1977	May 1978
Little Blue Heron	++	---	empty	empty	empty
Cattle Egret	1500	---			
Heron and Egret spp.	---	1000			
White Ibis	+	---			
TOTALS	1500+	1000	0	0	0

COLONY NUMBER: 619036 **COUNTY**: Hendry

COLONY NAME: Okaloacoochee North **LAT. - LONG.**: 26°31' - 81°16'

TOWNSHIP: 45S **RANGE**: 30/31E **SECTION**: 36/31 **1/4 SECTION**:

DESCRIPTION: Colony site: Center of large willowhead.
Habitat surrounding colony: Willowhead in marsh surrounded by cypress and palms.
Colony area: 1.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1976	June 1977	July 1977	May 1978	June 1978
Great Blue Heron	2	1	empty	empty	empty	empty
Little Blue Heron	25-50	+				
Cattle Egret	4000	3000-4000				
TOTALS	4027-4052	3001-4001+	0	0	0	0

COLONY NUMBER: 619037 COUNTY: Hendry

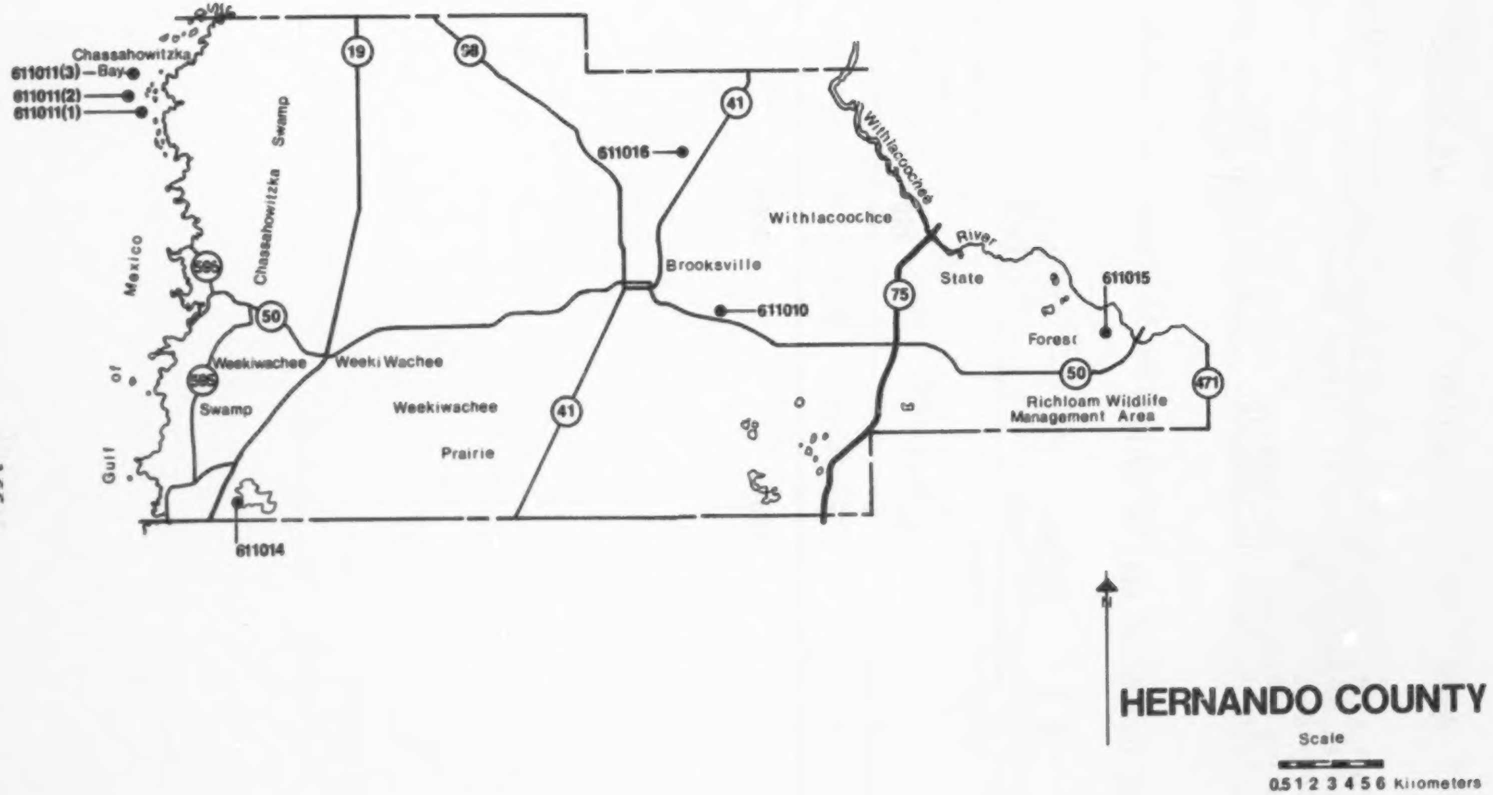
COLONY NAME: Twelve-mile Slough LAT. - LONG.: 26°35' - 81°26'

TOWNSHIP: 45S RANGE: 29E SECTION: 5 1/4 SECTION: SE

DESCRIPTION: Colony site: Shrubby vegetation around pond.
Habitat surrounding colony: Orange grove.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: < 0.8 km (near orange grove and highway)

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	July 1978
Anhinga	---	+
Little Blue Heron	+	+
Cattle Egret	250	200
Great Egret	5+	---
Louisiana Heron	---	+
TOTALS	255+	200+


Chassahowitzka
611011(3) —Bay
611011(2)
611011(1)
Chassahowitzka Swamp
Mexico
of
Gulf
589
50
595
Weekiwachee
Swamp
611014
19
98
Weeki Wachee
Weekiwachee
Prairie
41
611016
41
Brooksville
611010
Withlacoochee
Withlacoochee River
State
75
Forest
611015
50
471
Richloam Wildlife Management Area
N
0.5 1 2 3 4 5 6 Kilometers

HERNANDO COUNTY

Scale

COLONY NUMBER: 611010 **COUNTY**: Hernando

COLONY NAME: East of Brooksville **LAT. - LONG.**: 28°32' - 82°21'

TOWNSHIP: 22S **RANGE**: 20E **SECTION**: 30 **1/4 SECTION**:

DESCRIPTION:
Colony site: Willow pond in pasture.
Habitat surrounding colony: Willows, pond, and pasture.
Colony area: 0.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	+	---	---	+	---
Cattle Egret	1000-2000	100-150	25-50	300	600-800
Great Egret	---	10-20	---	---	---
TOTALS	1000-2000+	110-170	25-50	300+	600-800

COLONY NUMBER: 611011 COUNTY: Hernando

COLONY NAME: Chassahowitzka Bay (Subcolony 1 - Saddle Key) LAT. - LONG.: 28°40' - 82°41'

TOWNSHIP: 21S RANGE: 16E SECTION: Saddle Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.4 ha
Nesting substrate: Dead and live mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	---	---	300+	---
Great Blue Heron	20	---	5-10	3-4	+
Cattle Egret	75*	---	---	---	50
Great Egret	75-100	75-100	50+	30	+
Snowy Egret	---	+	+	---	---
Louisiana Heron	---	+	---	+	+
Black-crowned Night Heron	15-20	---	---	---	---
White Ibis	---	---	---	---	+
TOTALS	110-140 75*	75-100+	55-60+	333+	50+

*non-nesting individuals

COLONY NUMBER: 611011 **COUNTY:** Hernando

COLONY NAME: Chassahowitzka Bay
(Subcolony 2 - Crawl Key) **LAT. - LONG.:** 28°39' - 82°41'

TOWNSHIP: 21S **RANGE:** 16E **SECTION:** Crawl Key **1/4 SECTION:**

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.2 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	---	+	50	+
Cattle Egret	10*	---	---	---	---
Great Egret	---	5-10	---	---	---
TOTALS	10*	5-10	+	50	+

*non-nesting individuals

COLONY NUMBER: 611011 COUNTY: Hernando

COLONY NAME: Chassahowitzka Bay
(Subcolony 3 - Bird Key)
LAT. - LONG.: 28°39' - 82°41'

TOWNSHIP: 21S RANGE: 16E SECTION: Bird Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: No data.
Nesting substrate: Mangroves (mostly dead) over high ground.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	---	+	100-200	---
Great Blue Heron	---	---	2-3	1	---
Cattle Egret	---	---	50*	+	50
Great Egret	50+	50-100	50+	70±	25
Snowy Egret	---	50-100	---	---	---
Louisiana Heron	---	---	---	---	+
TOTALS	50+	100-200	52+ 50*	171-271+	75+

*non-nesting individuals

COLONY NUMBER: 611014

COUNTY: Hernando

COLONY NAME: Hunter's Lake

LAT. - LONG.: 28°27' - 82°38'

TOWNSHIP: 23S RANGE: 17E SECTION: 32 1/4 SECTION: NE

DESCRIPTION: Colony site: Willow island in lake.
Habitat surrounding colony: Willows, marsh, and lake.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	---	1	---
Little Blue Heron	10+	---	---	+	---
Cattle Egret	200	---	300	300	500
Great Egret	50	---	75++	10-15	+
Snowy Egret	25++	---	---	---	---
Louisiana Heron	---	---	---	+	+
Black-crowned Night Heron	10+	---	---	---	---
Heron and Egret spp.	---	400-500+	---	---	---
TOTALS	295+	400-500+	375+	311-316+	500+

COLONY NUMBER: 611015 **COUNTY:** Hernando

COLONY NAME: Indian House Swamp **LAT. - LONG.:** 28°32' - 82°07'

TOWNSHIP: 22S **RANGE:** 22E **SECTION:** 33 **1/4 SECTION:**

DESCRIPTION: Colony site: Cypress dome.
Habitat surrounding colony: Cypress and swamp hardwoods.
Colony area: 1.2 ha
Nesting substrate: Willows and cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Little Blue Heron	---	+
Cattle Egret	3000	2[illegible]00
Great Egret	50	+
Louisiana Heron	---	+
TOTALS	3050	2500+

COLONY NUMBER: 611016

COUNTY: Hernando

COLONY NAME: Lake Lindsey

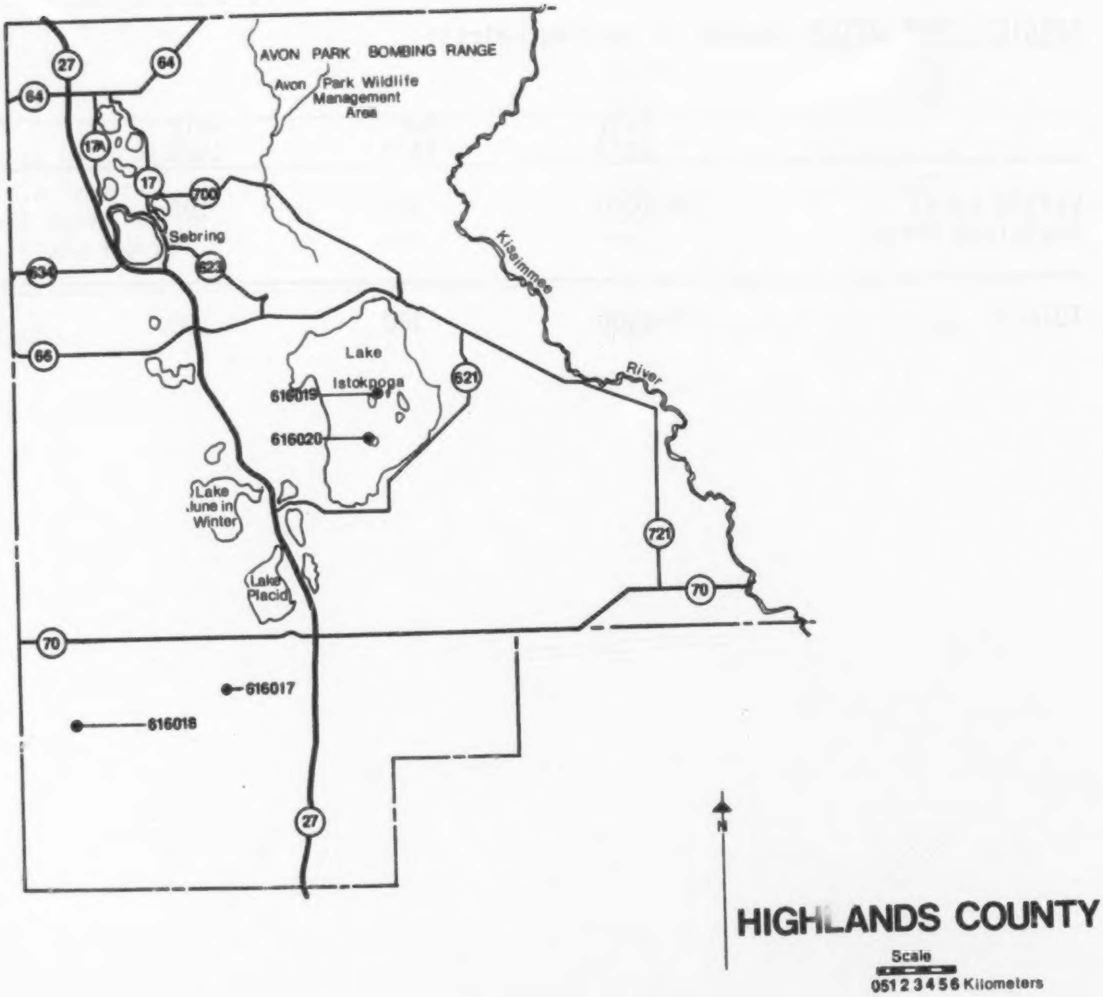
LAT. - LONG.: 28°38' - 82°22'

TOWNSHIP: 21S RANGE: 19E SECTION: 26 1/4 SECTION: E

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Wax myrtle, marsh, and lake.
Colony area: 0.2 ha
Nesting substrate: Willows and wax myrtle (mostly dead) over water.
Proximity to human disturbance: 1977 - <0.8 km
1978 - >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	July 1978
Cattle Egret	750-1000	300	100
Louisiana Heron	---	---	+
TOTALS	750-1000	300	100+


AVON PARK BOMBING RANGE
Avon Park Wildlife Management Area
27
64
64
17A
17
700
Sebring
623
634
66
Lake Istokpoga
621
616019
616020
Kissimmee River
Lake June in Winter
Lake Placid
721
70
70
616017
616018
27
N
HIGHLANDS COUNTY
Scale
0 5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 616017

COUNTY: Highlands

COLONY NAME: Bootheel Creek
(Subcolony 1)

LAT. - LONG: 27°10' - 81°24'

TOWNSHIP: 38S **RANGE:** 29E **SECTION:** 15/14 **1/4 SECTION:** SE/SW

DESCRIPTION: Colony site: Cypress, bay and swamp shrubs in water impoundment.
Habitat surrounding colony: Bay and cypress (dead & dying).
Colony area: 1976 - 0.2 ha 1977 - 2.4 ha 1978 - 1.0 ha
Nesting substrate: Bay, cypress, and swamp shrubs over water.
Proximity to human disturbance: > 0.8 km (area < 0.8 km from colony is farmed in July)

Note: Two subcolonies were observed in July 1978 only.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	(Sub-colony 1) July 1978
Little Blue Heron	---	++	+	+	---	+
Cattle Egret	150	2000-2500	500-750	3000±	350-400	6000-8000
Great Egret	25	50-100	50+	+	40	+
Snowy Egret	---	---	+	---	---	---
Glossy Ibis	---	---	---	---	---	+
White Ibis	+	---	50+	+	---	---
TOTALS	175+	2050-2600+	600-850+	3000+	390-440	6000-8000+

COLONY NUMBER: 616017

COUNTY: Highlands

COLONY NAME: Bootheel Creek
(Subcolony 2)

LAT. - LONG: 27°10' - 81°24'

TOWNSHIP: 38S **RANGE:** 29E **SECTION:** 15/14 **1/4 SECTION:** SE/SW

DESCRIPTION: Colony site: Cypress, bay, and swamp shrubs in water impoundment.
Habitat surrounding colony: Bay and cypress (dead and dying).
Colony area: No data.
Nesting substrate: Bay and cypress.
Proximity to human disturbance: < 0.8 km (farmland, pasture)

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	300-400
Great Egret	50+
TOTALS	350-450+

COLONY NUMBER: 616018 **COUNTY**: Highlands

COLONY NAME: East of Orange Grove **LAT. - LONG**: 27°09' - 81°25'

TOWNSHIP: 38S **RANGE**: 28E **SECTION**: 20 **1/4 SECTION**:

DESCRIPTION: Colony site: Willowhead in a marshy pond.
Habitat surrounding colony: Marshy pond and pastures.
Colony area: 1.8 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km (area < 0.8 km from colony is farmed in July)

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	+	---
Cattle Egret	1500	2000
Great Egret	25	+
Glossy Ibis	100±	---
White Ibis	+	---
TOTALS	1625+	2000+

COLONY NUMBER: 616019 **COUNTY**: Highlands

COLONY NAME: Lake Istokpoga - Marsh Island **LAT. - LONG**: 27°23' - 81°16'

TOWNSHIP: 36S **RANGE**: 30E **SECTION**: 1 **1/4 SECTION**:

DESCRIPTION:
Colony site: Marshy island in lake.
Habitat surrounding colony: Low hardwoods and freshwater marsh.
Colony area: 1976 - 2.0 ha 1977 - 1.2 ha
Nesting substrate: Willows and herbaceous vegetation at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

Note: April 1977, colony in 2 parts on island; not censused separately. June 1977, colony in 3 parts on island; not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Great Blue Heron	---	---	5	---	---	---
Little Blue Heron	25-50	50	50	---	---	---
Cattle Egret	2500+	2000	1000	2000	1000	500
Great Egret	---	---	---	---	100	---
Snowy Egret	---	---	500	200+	150	100
Louisiana Heron	+	250	---	250	50+	---
White Ibis	500-1000	1000	1000	500	2500	1000
TOTALS	3025-3550+	3300	2555	2950+	3800+	1600

COLONY NUMBER: 616020 COUNTY: Highlands

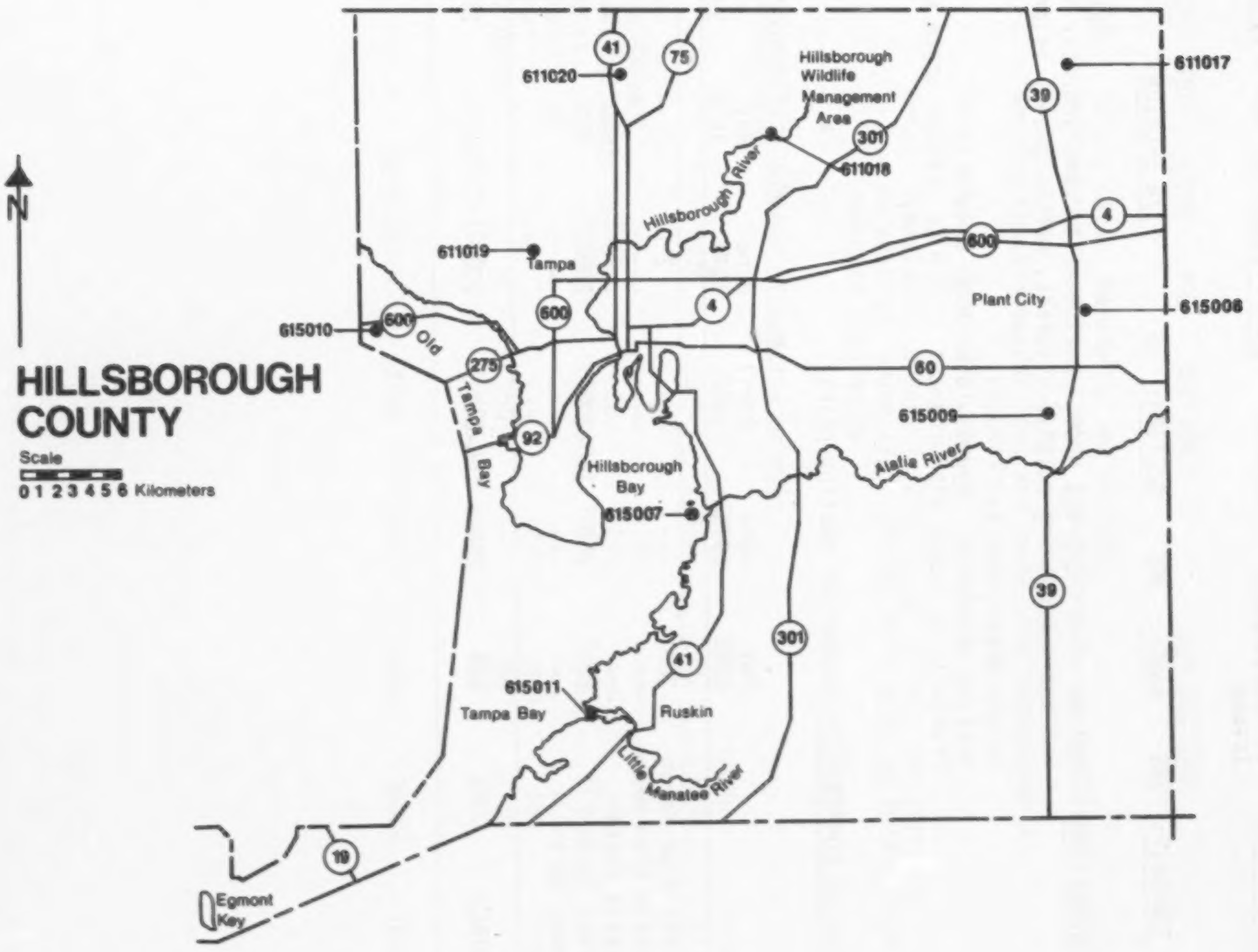
COLONY NAME: Lake Istokpoga - Bumblebee Island LAT. - LONG: 27°21' - 81°17'

TOWNSHIP: 36S RANGE: 30E SECTION: 13 1/4 SECTION:

DESCRIPTION: Colony site: Cypress around perimeter of marshy/grassy island.
Habitat surrounding colony: Cypress, marsh, grassy island and lake.
Colony area: 4.0 ha
Nesting substrate: Cypress over high ground.
Proximity to human disturbance: >0.8 km (cattle graze on island)

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	June 1977	May 1978	July 1978
Great Blue Heron	20+	---	---	2	---	---
Little Blue Heron	---	---	---	---	20+	---
Cattle Egret	---	---	---	---	1500	---
Great Egret	25	250	150-200	200	300	150
Snowy egret	---	---	---	---	50	---
TOTALS	45+	250	150-200	202	1870+	150



HILLSBOROUGH COUNTY

N
Scale
0 1 2 3 4 5 6 Kilometers
41
75
611020
Hillsborough Wildlife Management Area
611017
39
301
611018
Hillsborough River
4
600
611019
Tampa
615010
600
Old
600
4
Plant City
615008
275
60
Tampa
Bay
92
615009
Hillsborough Bay
Alafia River
615007
39
301
41
615011
Tampa Bay
Ruskin
Little Manatee River
19
Egmont Key

COLONY NUMBER: 611017 **COUNTY**: Hillsborough

COLONY NAME: Blackwater Creek **LAT. - LONG.**: 28°08' - 82°07'

TOWNSHIP: 27S **RANGE**: 22E **SECTION**: 17 **1/4 SECTION**: NE

DESCRIPTION:
Colony site: Center of cypress dome.
Habitat surrounding colony: Cypress and pasture.
Colony area: 0.8 ha
Nesting substrate: Willows and swamp hardwood shrubs over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978
Cattle Egret	400-500	empty	empty	---
Great Egret	10-20			---
Cattle Egret and White Ibis	---			30±*
TOTALS	410-520	0	0	30±*

*non-nesting individuals

COLONY NUMBER: 611018

COUNTY: Hillsborough

COLONY NAME: Hillsborough River Swamp

LAT. - LONG.: 28°05' - 82°21'

TOWNSHIP: 27S RANGE: 20E SECTION: 31 1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress and swamp hardwood forest along Hillsborough River.
Habitat surrounding colony: Cypress and swamp hardwoods.
Colony area: 0.4 ha
Nesting substrate: Cypress and swamp hardwoods over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	July 1978
Great Blue Heron	10-15	25-30	empty	empty
Great Egret	75	---		
TOTALS	85-90	25-30	0	0

COLONY NUMBER: 611019 **COUNTY**: Hillsborough

COLONY NAME: Tampa **LAT. - LONG.**: 28°01' - 82°31'

TOWNSHIP: 28S **RANGE**: 18E **SECTION**: 28 **1/4 SECTION**: NE

DESCRIPTION:
Colony site: Island in a water impoundment.
Habitat surrounding colony: Willows and cattails in impoundment.
Colony area: No data.
Nesting substrate: Herbaceous vegetation at seasonally flooded site.
Proximity to human disturbance: <0.8 km

Note: Colony was not active after the winter of 1977 - snow killed vegetation.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check April 1976
Green Heron	7
Little Blue Heron	12
Snowy Egret	2
Least Bittern	4
TOTALS	25

COLONY NUMBER: 611020 **COUNTY:** Hillsborough

COLONY NAME: Wooten Road Pond **LAT. - LONG.:** 28°08' - 82°27'

TOWNSHIP: 27S **RANGE:** 18E **SECTION:** 13 **1/4 SECTION:**

DESCRIPTION:
Colony site: Island in pond.
Habitat surrounding colony: Orange groves.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km (near orange groves)

SPECIES COMPOSITION (number of nesting pairs):

	June 1976
Little Blue Heron	+
Cattle Egret	500-600
Great Egret	+
Snowy Egret	+
Louisiana Heron	+
TOTALS	500-600+

COLONY NUMBER: 615007 **COUNTY**: Hillsborough

COLONY NAME: Alafia **LAT. - LONG**: 27°51' - 82°25'

TOWNSHIP: 30S **RANGE**: 19E **SECTION**: 28/29 **1/4 SECTION**: N

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Mangroves, *Schinus*, *Lantana*, and sabal palmetto on island. Open water.
Colony area: 15 ha
Nesting substrate: Mangroves, *Schinus*, *Lantana*, sabal palmetto-some over water, some over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground estimate of total numbers of birds nesting over entire season, 1976	April 1977	April 1978	July 1978
Brown Pelican	---	500+	---	---	---
Double-crested Cormorant	---	200+	---	---	---
Great Blue Heron	---	100	+	25++	+
Little Blue Heron	---	300+	---	+	+
Cattle Egret	---	5000+	500-1000	+	5000++
Reddish Egret	---	10	---	---	+
Great Egret	---	350+	100-200	75-100	+
Snowy Egret	---	500+	+	+	+
Egret spp. (Great & Cattle)	2000-3000	---	---	---	---
Louisiana Heron	+	400+	+	+	+
Black-crowned Night Heron	---	400+	---	+	---
Yellow-crowned Night Heron	---	300+	---	---	---
Glossy Ibis	+	300+	+	---	+
White Ibis	1000-2000	5000+	7000-8000	8000-10,000	---
Roseate Spoonbill	---	10-20	---	---	+
TOTALS	3000-5000+	13,370-13,380+	7600-9200+	8100-10,125+	5000+

COLONY NUMBER: 615008

COUNTY: Hillsborough

COLONY NAME: Plant City

LAT. - LONG: 27°59' - 82°07'

TOWNSHIP: 29S RANGE: 22E SECTION: 4/9 1/4 SECTION: S/N

DESCRIPTION:
Colony site: Low woody vegetation in willowhead.
Habitat surrounding colony: Willows and swamp hardwoods in pasture.
Colony area: 1976 - 1.0 ha 1978 - 0.1 ha
Nesting substrate: Willows and woody swamp shrubs over water.
Proximity to human disturbance: 1976 - > 0.8 km
1978 - < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Anhinga	---	+	---	---
Little Blue Heron	25-50	---	---	---
Cattle Egret	800	---	50	700-800
Great Egret	+	5-10	---	---
Snowy Egret	---	---	---	+
White Ibis	200	---	---	+
TOTALS	1025-1050+	5-10+	50	700-800+

COLONY NUMBER: 615009 **COUNTY**: Hillsborough

COLONY NAME: Pleasant Grove **LAT. - LONG**: 27°54' - 82°08'

TOWNSHIP: 30S **RANGE**: 22E **SECTION**: 5/6 **1/4 SECTION**:

DESCRIPTION:
Colony site: Willows in a water impoundment.
Habitat surrounding colony: Pasture and oak woods.
Colony area: 4.0 ha
Nesting substrate: Willows (some dead) over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	5000
Great Egret	+
Snowy Egret	+
Wood Stork	150
White Ibis	+
TOTALS	5150+

COLONY NUMBER: 615010

COUNTY: Hillsborough

COLONY NAME: Sunset Park

LAT. - LONG: 27°58' - 82°38'

TOWNSHIP: 29S **RANGE:** 17E **SECTION:** **1/4 SECTION:**

DESCRIPTION:
Colony site: No data.
Habitat surrounding colony: No data.
Colony area: 5.0 ha
Nesting substrate: Coniferous trees.
Proximity to human disturbance: No data.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check June 1976
Yellow-crowned Night Heron	14	14
TOTALS	14	14

COLONY NUMBER: 615011 COUNTY: Hillsborough

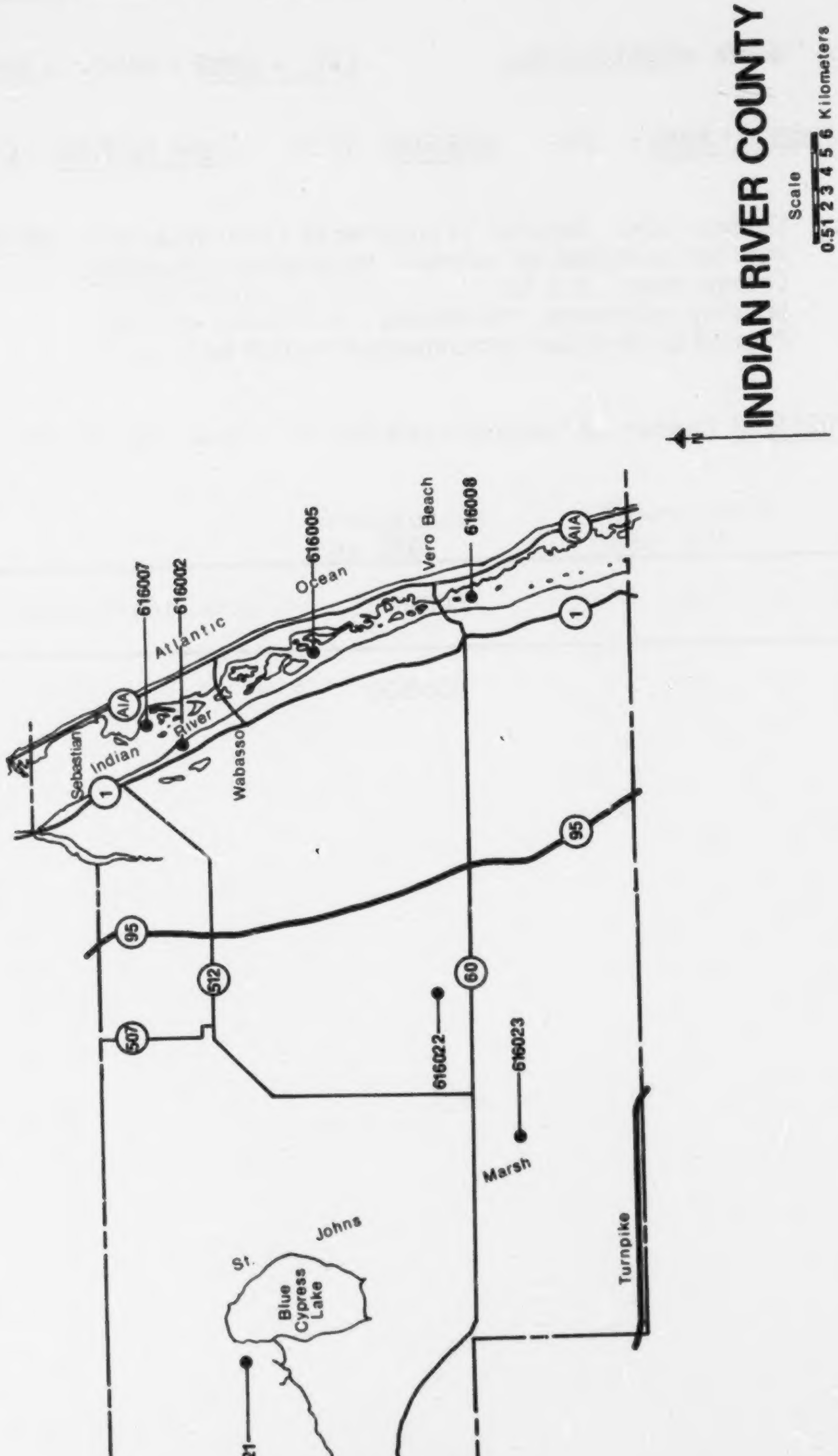
COLONY NAME: South of Whiskey Key LAT. - LONG: 27°43' - 82°29'

TOWNSHIP: 32S RANGE: 18E SECTION: 11 1/4 SECTION: W

DESCRIPTION:
Colony site: Natural island, with spoil dumped on it, in river.
Habitat surrounding colony: Mangroves, *Casuarina*, and river.
Colony area: 0.3 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	500-600
TOTALS	500-600


INDIAN RIVER COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers
N
Atlantic
Ocean
Sebastian
Indian
River
Wabasso
Vero Beach
616007
616002
616005
616008
A1A
1
95
512
507
60
616022
616023
Marsh
St.
Johns
Blue Cypress Lake
Turnpike
616021

COLONY NUMBER: 616002 **COUNTY:** Indian River

COLONY NAME: Duck Point Spoil **LAT. - LONG:** 27°47' - 80°27'

TOWNSHIP: 31S **RANGE:** 39E **SECTION:** 16 **1/4 SECTION:**

DESCRIPTION: Colony site: Two coastal spoil islands.
Habitat surrounding colony: Mangroves, Casuarina, Schinus, and water.
Colony area: 0.2 ha
Nesting substrate: Mangroves, Casuarina, and Schinus over high ground.
Proximity to human disturbance: > 0.8 km

Note: The two islands were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	May 1977	Ground check June 1977	May 1978	June 1978
Double-crested Cormorant	---	60	---	25+	---	50
Anhinga	3	11	10	25+	---	50
Great Blue Heron	---	---	---	---	10	---
Green Heron	---	---	---	4*	---	---
Little Blue Heron	30	6	+	5+	20	25+
Cattle Egret	400	225	200	775	200	500
Great Egret	---	---	---	---	20	---
Snowy Egret	7	4	200	+	200	+
Louisiana Heron	125	57	50+	76+	100+	50+
Black-crowned Night Heron	---	---	---	4*	---	---
White Ibis	45	27	---	102	---	---
TOTALS	610	390	460	1008+ 8*	550+	675+

*non-nesting individuals

COLONY NUMBER: 616005

COUNTY: Indian River

COLONY NAME: Johns Island Spoil

LAT. - LONG: 27°42' - 80°24'

TOWNSHIP: 32S **RANGE:** 39E **SECTION:** 12 **1/4 SECTION:**

DESCRIPTION:

Colony site: Two coastal spoil islands.
Habitat surrounding colony: Open water.
Colony area: 0.4 ha
Nesting substrate: Casuarina over high ground.
Proximity to human disturbance: >0.8 km

Note: The two islands were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check August 1976	April 1977	May 1978	June 1978
Brown Pelican	25*	---	empty	---	empty
Anhinga	---	10		---	
Great Blue Heron	---	---		10	
Little Blue Heron	---	5		---	
Cattle Egret	50	240		---	
Great Egret	10	1		---	
Snowy Egret	10	---		---	
Louisiana Heron	10	56		---	
Black-crowned Night Heron	---	1		---	
White Ibis	---	40		---	
TOTALS	80 25*	353	0	10	0

*non-nesting individuals

COLONY NUMBER:	616007	**COUNTY:**	Indian River
COLONY NAME:	Pelican Island	**LAT. - LONG:**	27°48' - 80°26'

TOWNSHIP: 31S **RANGE:** 39E **SECTION:** 9 **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water.
Colony area: 1976 - 4.1 ha 1977 - 1.4 ha
Nesting substrate: Mangroves, prickly pear cactus, ground nesting on high ground.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	May 1977	May 1978	July 1978
Brown Pelican	300	25	250+	50++	+
Double-crested Cormorant	125	2	50	+	+
Great Blue Heron	20	---	10	6	+
Green Heron	---	2	---	---	---
Great Egret	50	30	50	50	---
Black-crowned Night Heron	---	4	---	---	---
Wood Stork	250	---	200	200+	---
TOTALS	745	63	560+	306+	+

COLONY NUMBER: 616008 **COUNTY**: Indian River

COLONY NAME: Riomar Spoil **LAT. - LONG**: 27°38' - 80°22'

TOWNSHIP: 33S **RANGE**: 40E **SECTION**: 6 **1/4 SECTION**:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Open water.
Colony area: 1976 - 3.0 ha 1977 - 2.0 ha
Nesting substrate: Mangroves and Casuarina over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	Ground check April 1977	June 1977	April 1978	Ground check July 1978
Brown Pelican	313	60	250	250	500+	200+
Double-crested Cormorant	25	25	+	+	20	+
Anhinga	11	6	+	---	---	+
Great Blue Heron	3	3	+	+	5	---
Little Blue Heron	101	5	50	50	+	25
Cattle Egret	587	1825	500	1500	---	1500+
Great Egret	35	25	100	---	100	50
Snowy Egret	1100	---	1000	100	---	50
Egret spp. (Cattle & Snowy)	**	**	**	**	500+	**
Reddish Egret	---	---	---	---	---	1
Louisiana Heron	475	25	500	500	200+	150
Black-crowned Night Heron	---	+	20	+	---	+
Yellow-crowned Night Heron	5	4	3	---	5	13
White Ibis	419	1325	50*	300	---	500
TOTALS	3074	3303+	2423+ 50*	2700+	1330+	2489+

*non-nesting individuals

**Egret spp. were censused separately

COLONY NUMBER: 616021 **COUNTY:** Indian River

COLONY NAME: Blue Cypress Creek Impoundment **LAT. - LONG:** 27°45' - 80°48'

TOWNSHIP: 31S **RANGE:** 35E **SECTION:** 25 **1/4 SECTION:** W

DESCRIPTION:
Colony site: Cypress in water impoundment.
Habitat surrounding colony: Open pineland and unimproved pasture.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	May 1978
Great Blue Heron	6	6	empty
TOTALS	6	6	0

COLONY NUMBER: 616022 **COUNTY**: Indian River

COLONY NAME: Kromhout **LAT. - LONG**: 27°39' - 80°35'

TOWNSHIP: 32S **RANGE**: 37E **SECTION**: 36 **1/4 SECTION**: SE

DESCRIPTION: Colony site: Willows and cattails.
Habitat surrounding colony: Citrus groves.
Colony area: 2.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978	Ground check August 1978
Anhinga	25	25
Cattle Egret	1000	200
TOTALS	1025	225

COLONY NUMBER: 616023 COUNTY: Indian River

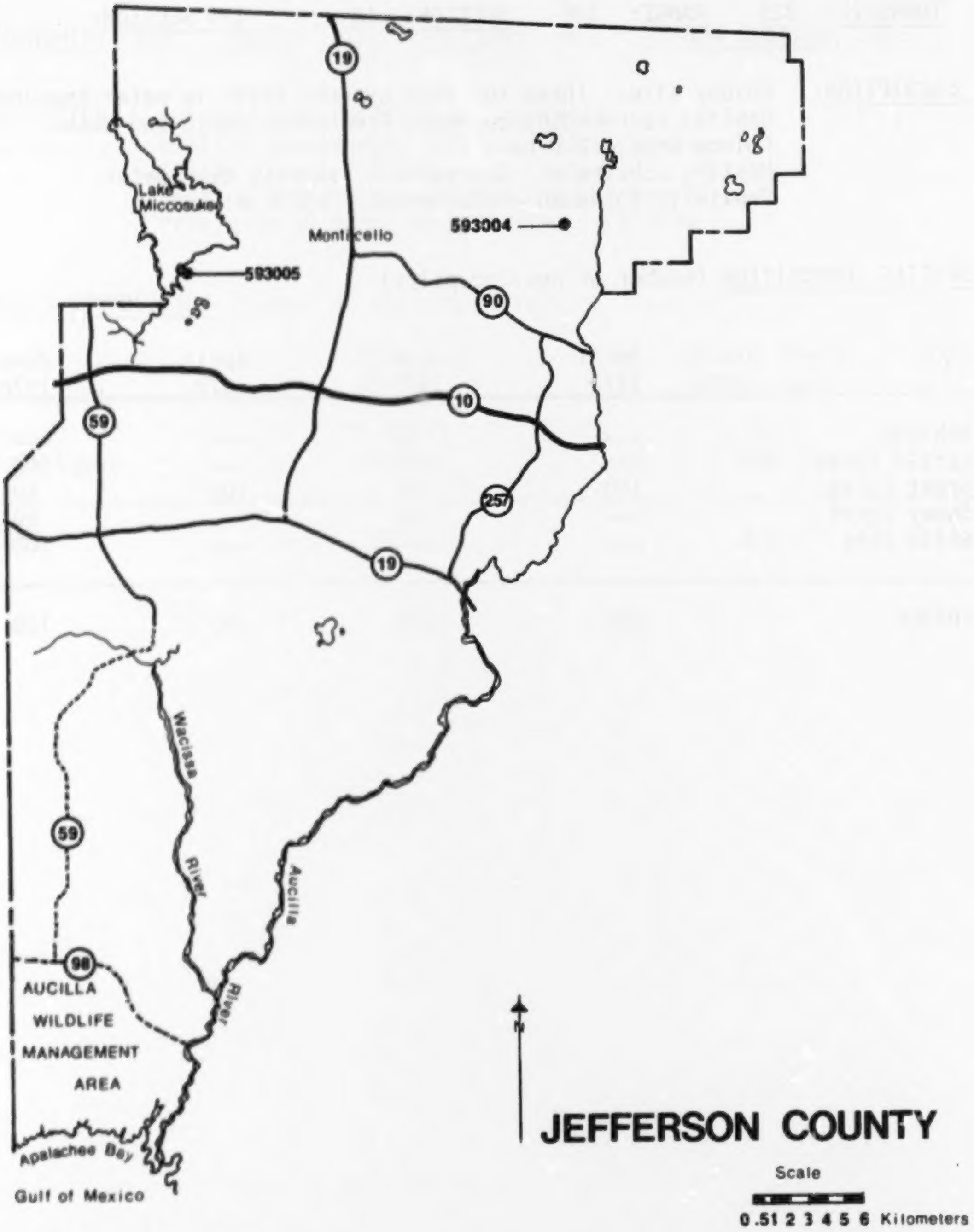
COLONY NAME: St. John's Reservoir LAT. - LONG: 27°36' - 80°40'

TOWNSHIP: 33S RANGE: 37E SECTION: 18 1/4 SECTION:

DESCRIPTION: Colony site: Three to seven cypress heads in water impoundment.
Habitat surrounding colony: Freshwater marsh and water.
Colony area: 2.0 ha
Nesting substrate: Cypress and sawgrass over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	June 1977	April 1978	June 1978
Anhinga	---	50	---	---
Cattle Egret	---	1000	---	500
Great Egret	150	100	100	50
Snowy Egret	---	---	---	50
White Ibis	---	---	---	100
TOTALS	150	1150	100	700


19
Lake Miccosukee
Monticello
593004
593005
90
10
59
257
19
Wacissa River
Aucilla River
59
98
AUCILLA WILDLIFE MANAGEMENT AREA
Apalachee Bay
Gulf of Mexico
N
JEFFERSON COUNTY
Scale
0 .5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 593004 COUNTY: Jefferson

COLONY NAME: June Pond LAT. - LONG.: 30°33' - 83°45'

TOWNSHIP: 2N RANGE: 6E SECTION: 20 1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress at edge of pond.
Habitat surrounding colony: Pasture and pond.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	August 1978
Great Blue Heron	8	empty	---	empty	---
Little Blue Heron	---		100		---
Cattle Egret	---		300		+*
Great Egret	---		50		---
White Ibis	---		250		+*
TOTALS	8	0	700	0	+*

*non-nesting individuals; colony could have been active earlier.

COLONY NUMBER: 593005 **COUNTY**: Jefferson

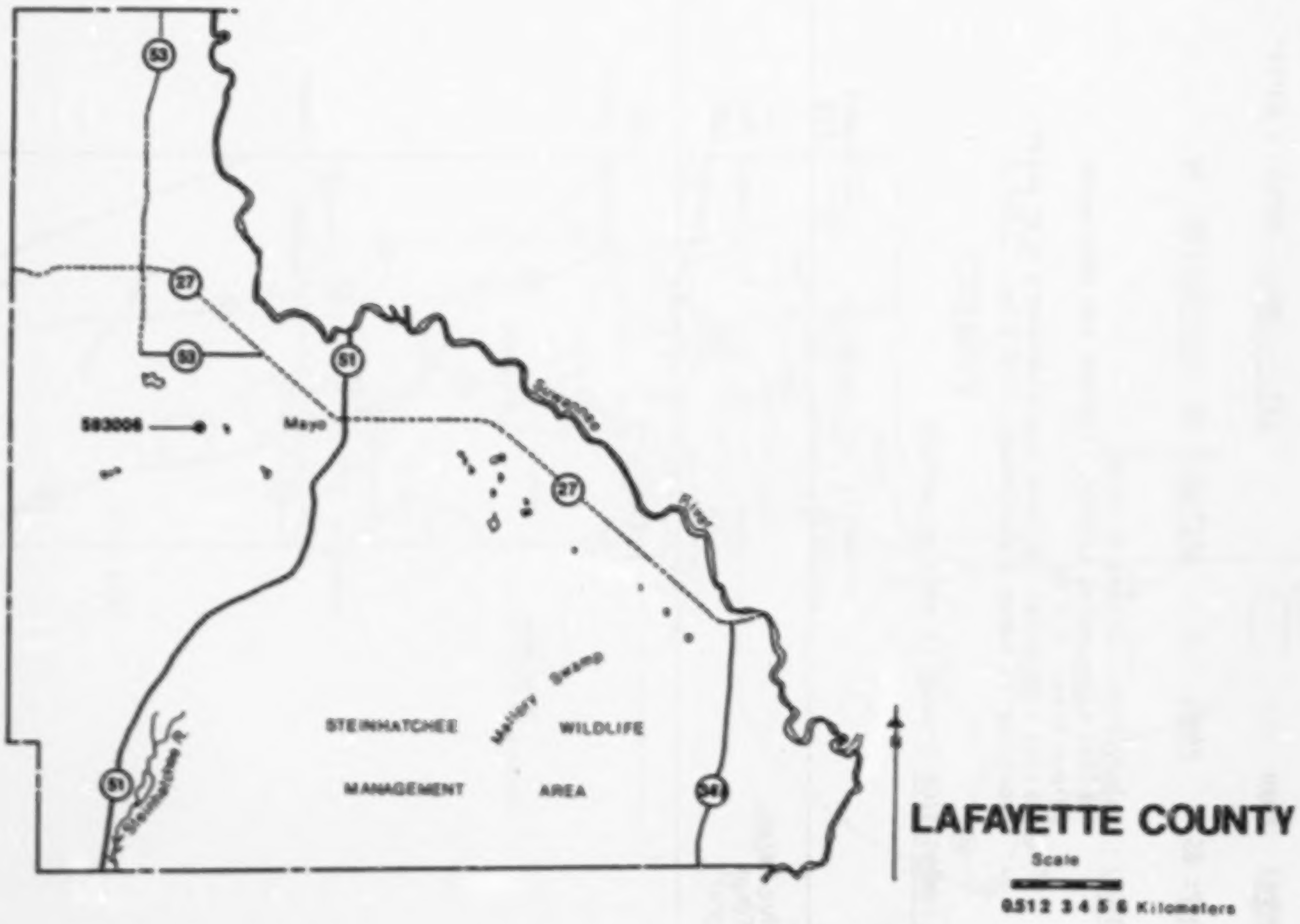
COLONY NAME: Lake Miccosukee **LAT. - LONG.**: 30°32' - 83°58'

TOWNSHIP: 2N **RANGE**: 4E **SECTION**: 30 **1/4 SECTION**:

DESCRIPTION:
Colony site: Cypress at edge of lake.
Habitat surrounding colony: Cypress and lake.
Colony area: 0.8 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	August 1978
Anhinga	---	empty	+	empty	empty
Great Blue Heron	50		6		
TOTALS	50	0	6+	0	0



LAFAYETTE COUNTY

53
27
50
51
583006
Mayo
Suwannee
River
27
349
51
Steinhatchee R.
STEINHATCHEE
MANAGEMENT
Mallory Swamp
WILDLIFE
AREA
Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 593006 **COUNTY:** Lafayette

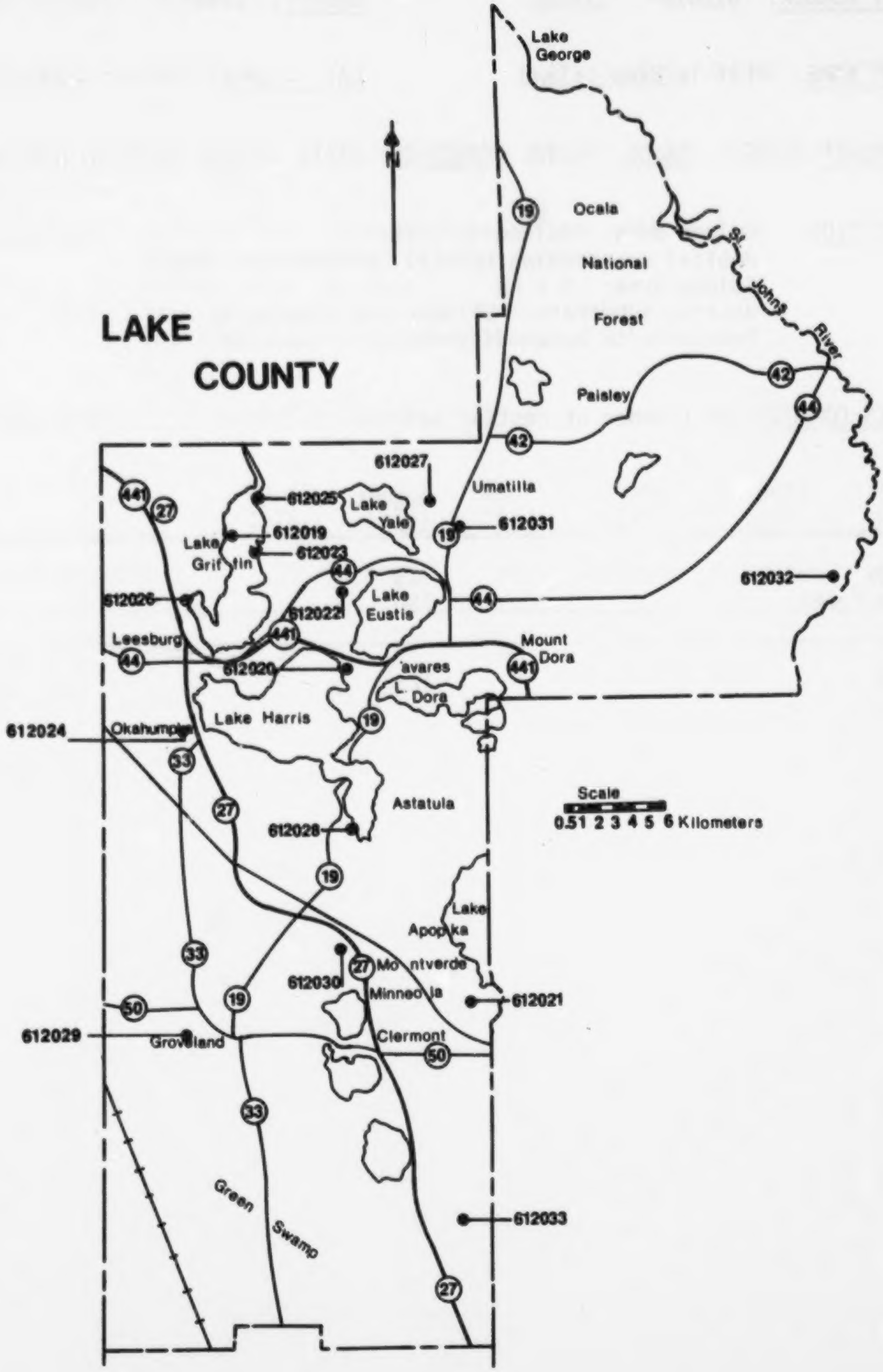
COLONY NAME: Mayo **LAT. - LONG.:** 30°03' - 83°16'

TOWNSHIP: 5S **RANGE:** 11E **SECTION:** 18 **1/4 SECTION:** SW

DESCRIPTION:
Colony site: Island in pond.
Habitat surrounding colony: Cypress and open water.
Colony area: 0.4 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	August 1978
Great Blue Heron	6	1	---
Cattle Egret	---	---	350
Great Egret	20	10	100
TOTALS	26	11	450


Lake George
N
Ocala National Forest
St. Johns River
LAKE COUNTY
Paisley
42
44
19
612027
Umatilla
612025
Lake Yale
612031
441
27
612019
612023
Lake Griffin
612032
612026
612022
Lake Eustis
Leesburg
Mount Dora
612020
Tavares
L. Dora
612024
Okahumpka
Lake Harris
33
Astatula
Scale
0.5 1 2 3 4 5 6 Kilometers
612028
Lake Apopka
612030
Montverde
Minneola
612021
50
612029
Groveland
Clermont
Green Swamp
612033

COLONY NUMBER: 612019 COUNTY: Lake

COLONY NAME: Little Bird Island LAT. - LONG: 28°54' - 81°51'

TOWNSHIP: 18S RANGE: 24/25E SECTION: 24/19 1/4 SECTION: SE/SW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Willows and lake.
Colony area: 0.1 ha
Nesting substrate: Willows and elderberry.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Anhinga	25
Cattle Egret	100
TOTALS	125

COLONY NUMBER: 612020 **COUNTY:** Lake

COLONY NAME: Dead River **LAT. - LONG:** 28°48' - 81°46'

TOWNSHIP: 19S **RANGE:** 25E **SECTION:** 25 **1/4 SECTION:**

DESCRIPTION:
Colony site: Cypress in creek near edge of lake.
Habitat surrounding colony: Cypress.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	July 1978
Great Blue Heron	35	empty	40	empty	empty	empty
TOTALS	35	0	40	0	0	0

COLONY NUMBER: 612021 **COUNTY**: Lake

COLONY NAME: Gourd Neck **LAT. - LONG**: 28°34' - 81°41'

TOWNSHIP: 22S **RANGE**: 26E **SECTION**: 14 **1/4 SECTION**:

DESCRIPTION:
Colony site: Two islands in marsh.
Habitat surrounding colony: Marsh grass and water.
Colony area: 1.6 ha
Nesting substrate: Red maples and wax myrtle over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check April 1977	May 1977	May 1978	June 1978
Double-crested Cormorant	---	12	---	---	25
Anhinga	25	18	15	---	---
Great Blue Heron	13	23	---	20	---
Little Blue Heron	---	6	20	25	+
Cattle Egret	100	43	200	50+	1000
Great Egret	25	20	50	---	25
Snowy Egret	75	2	2	---	+
Louisiana Heron	---	6	---	---	---
Glossy Ibis	---	10	---	---	---
White Ibis	---	2	---	---	---
Green Heron	---	1	---	---	---
TOTALS	238	143	287	95+	1050+

COLONY NUMBER: 612022 **COUNTY:** Lake

COLONY NAME: Haines Creek **LAT. - LONG:** 28°52' - 81°46'

TOWNSHIP: 19S **RANGE:** 25E **SECTION:** 1 **1/4 SECTION:**

DESCRIPTION: Colony site: Cypress in creek.
Habitat surrounding colony: Cypress.
Colony area: 1.2 ha
Nesting substrate: Cypress.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	30	4	empty	55-60	empty
TOTALS	30	4	0	55-60	0

COLONY NUMBER: 612023 COUNTY: Lake

COLONY NAME: Mouth of Haines Creek LAT. - LONG: 28°53' - 81°50'

TOWNSHIP: 18S RANGE: 25E SECTION: 29 1/4 SECTION: SE

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Willows, elderberry and other woody shrubs.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	August 1978
Little Blue Heron	---	+
Cattle Egret	500	200
Great Egret	---	6
TOTALS	500	206+

COLONY NUMBER: 612024 **COUNTY**: Lake

COLONY NAME: Lake Denham Marsh **LAT. - LONG**: 28°46' - 81°54'

TOWNSHIP: 20S **RANGE**: 24E **SECTION**: 10 **1/4 SECTION**: N mid.

DESCRIPTION: Colony site: Willow pond in cypress near lake.
Habitat surrounding colony: Cypress Swamp.
Colony area: 0.4 ha
Nesting substrate: Cypress, willows, and swamp shrubs over water.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Anhinga	15-20	empty	+	24	empty
Great Blue Heron	25		50	---	
Great Egret	5		---	---	
TOTALS	45-50	0	50+	24	0

COLONY NUMBER: 612025 **COUNTY:** Lake

COLONY NAME: Lake Griffin Northeast **LAT. - LONG:** 28°55' - 81°50'

TOWNSHIP: 18S **RANGE:** 25E **SECTION:** 17 **1/4 SECTION:**

DESCRIPTION:
Colony site: Willows at edge of lake.
Habitat surrounding colony: Water.
Colony area: 4.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1978
Double-crested Cormorant	---	---	200	empty
Anhinga	---	6	---	
Great Blue Heron	---	---	200	
Little Blue Heron	+*	---	---	
Cattle Egret	3000	700	800-1000	
Great Egret	+*	---	---	
TOTALS	3000 +*	706	1200-1400	0

*Uncertain if nesting

COLONY NUMBER: 612026 **COUNTY**: Lake

COLONY NAME: Lake Griffin South **LAT. - LONG**: 28°51' - 81°53'

TOWNSHIP: 19S **RANGE**: 24E **SECTION**: 11 **1/4 SECTION**: NW

DESCRIPTION: Colony site: Two islands in lake.
Habitat surrounding colony: Willows, elderberry, and water.
Colony area: 1976 - 2.0 ha 1978 - 0.3 ha
Nesting substrate: Willows, wax myrtle, and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Anhinga	25	---	---	---	50
Great Blue Heron	25	---	---	4-5	---
Little Blue Heron	---	50	---	---	---
Cattle Egret	700+	3500	300	500-700	350
Great Egret	---	50	200	40	20
Louisiana Heron	---	---	---	+	---
TOTALS	750+	3600	500	544-745+	420

COLONY NUMBER: 612027 **COUNTY**: Lake

COLONY NAME: Lake Yale **LAT. - LONG**: 28°55' - 81°42'

TOWNSHIP: 18S **RANGE**: 26E **SECTION**: 15 **1/4 SECTION**:

DESCRIPTION:
Colony site: Cypress.
Habitat surrounding colony: Cypress, freshwater marsh, pasture, and orange grove.
Colony area: 2.8 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	+	+	---	---	---	---
Great Egret	12	60	---	---	+	---
Wood Stork	110	60	225	225	225	75-85
TOTALS	122+	120+	225	225	225+	75-85

COLONY NUMBER: 612028 COUNTY: Lake

COLONY NAME: Little Lake Harris LAT. - LONG: 28°42' - 81°46'

TOWNSHIP: 20S RANGE: 25E SECTION: 36 1/4 SECTION:

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Willows, elderberry, freshwater over marsh, and water.
Colony area: 0.2 ha
Nesting substrate: Willows, swamp hardwoods, and elderberry over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977	July 1977	May 1978	June 1978
Anhinga	25	---	5	---	---	---
Little Blue Heron	---	---	---	---	---	10+
Cattle Egret	100	100	50	250	100	300
Snowy Egret	---	25	+	---	25	+
Louisiana Heron	---	25	10	+	---	+
TOTALS	125	150	65+	250+	125	310+

COLONY NUMBER: 612029 COUNTY: Lake

COLONY NAME: Mascotte LAT. - LONG: 28°34' - 81°54'

TOWNSHIP: 22S RANGE: 24E SECTION: 22 1/4 SECTION: N mid

DESCRIPTION:
Colony site: Marshy pond.
Habitat surrounding colony: Willows, wax myrtle, and freshwater marsh.
Colony area: 1976 - 0.1 ha 1978 - 0.6 ha
Nesting substrate: Willows and swamp shrubs over water.
Proximity to human disturbance: < 0.8 km (near highway)

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Little Blue Heron	++	+	+	+
Cattle Egret	400-500	1000-1500	1000-1200	2000
Great Egret	---	10-20	---	---
Louisiana Heron	++	---	---	+
White Ibis	---	500	---	---
TOTALS	400-500+	1510-2020+	1000-1200+	2000+

COLONY NUMBER: 612030 **COUNTY**: Lake

COLONY NAME: Minneola **LAT. - LONG**: 28°37' - 81°46'

TOWNSHIP: 21S **RANGE**: 25E **SECTION**: 35/36 **1/4 SECTION**: NE/NW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Freshwater marsh and water.
Colony area: 1976 - 0.6 ha 1978 - <0.1 ha
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Anhinga	5	empty	5	---
Great Blue Heron	---		---	+
Little Blue Heron	25		---	---
Cattle Egret	50		---	50
Great Egret	10		5	+
Snowy Egret	15		---	---
Louisiana Heron	15		---	---
Black-crowned Night Heron	5		---	---
TOTALS	125	0	10	50+

COLONY NUMBER: 612031

COUNTY: Lake

COLONY NAME: Smith Lake

LAT. - LONG: 28°54' - 81°41'

TOWNSHIP: 18S **RANGE**: 26E **SECTION**: 26 **1/4 SECTION**: N

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 1976 - 1.2 ha 1978 - 0.7 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	April 1978	August 1978
Little Blue Heron	---	50	200	---	---
Cattle Egret	500	300	600	750-1000	450
Great Egret	200	50	200	25-50	---
Snowy Egret	---	---	---	+	---
Louisiana Heron	---	50	---	+	---
Black-crowned Night Heron	---	+	---	---	---
White Ibis	---	200	150	200+	---
TOTALS	700	650+	1150	975-1250+	450

COLONY NUMBER: 612032 **COUNTY**: Lake

COLONY NAME: Wekiva River **LAT. - LONG**: 28°52' - 81°23'

TOWNSHIP: 19S **RANGE**: 20E **SECTION**: 1/2 **1/4 SECTION**:

DESCRIPTION:
Colony site: Cypress near river.
Habitat surrounding colony: Cypress swamp.
Colony area: 2.0 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1978
Great Blue Heron	15	empty	20	empty
TOTALS	15	0	20	0

COLONY NUMBER: 612033

COUNTY: Lake

COLONY NAME: YMCA Road

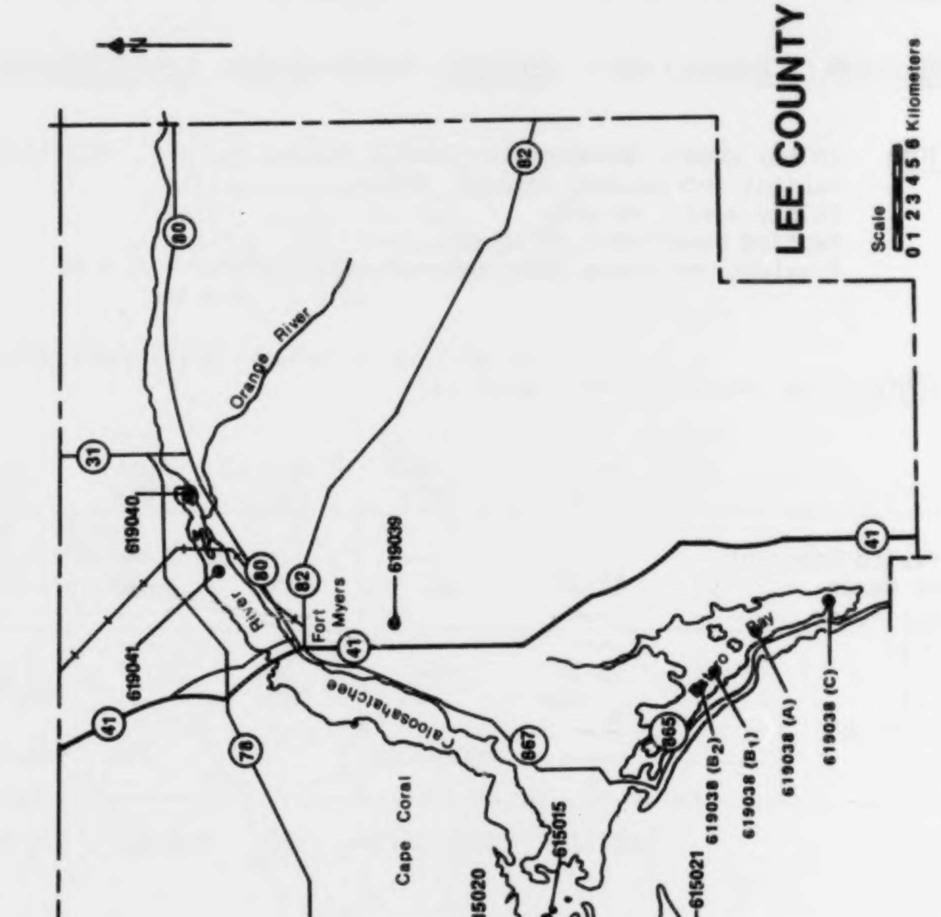
LAT. - LONG: 28°26' - 81°40'

TOWNSHIP: 23S **RANGE:** 26E **SECTION:** 36 **1/4 SECTION:** SW

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Freshwater marsh and water.
Colony area: 1.6 ha
Nesting substrate: Willows, swamp hardwoods, and elderberry over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977	May 1978	June 1978
Little Blue Heron	---	25	25	25	---
Cattle Egret	100	125	100	600+	300
Great Egret	---	---	25	---	---
Snowy Egret	---	125	25	---	---
Louisiana Heron	---	50	---	---	---
TOTALS	100	325	175	625+	300


LEE COUNTY
Scale
0 1 2 3 4 5 6 Kilometers
N
Gulf of Mexico
Charlotte Harbor
Pine Island
Sanibel Island
Cape Coral
Caloosahatchee
River
Fort Myers
Orange River
Bay
615014
615022
615012
615016
615013
615018
615019
615017
615021
615020
615015
619041
619040
619039
619038 (B_2)
619038 (B_1)
619038 (A)
619038 (C)
41
78
867
865
80
82
31

COLONY NUMBER: 615012 **COUNTY**: Lee

COLONY NAME: Broken Island **LAT. - LONG**: 26°41' - 82°12'

TOWNSHIP: 44S **RANGE**: 21E **SECTION**: Broken Island **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: 1976 & 1977 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Comorant	+	---	+	---	---
Great Blue Heron	40-50	+	25	20	+
Little Blue Heron	---	+	---	---	---
Cattle Egret	---	---	---	---	+
Great Egret	10-20	---	25±	20-25	---
Snowy Egret	50+	---	300±	---	50-100+
Louisiana Heron	---	+	---	+	+
White Ibis	---	2000-3000	+	250	500-750
TOTALS	100-120+	2000-3000+	350+	290-295+	550-850+

COLONY NUMBER: 615013 CCUNTY: Lee

COLONY NAME: Cork Key LAT. - LONG: 26°35' - 82°08'

TOWNSHIP: 45S RANGE: 22E SECTION: Cork Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	+	---	+
Double-crested Cormorant	+	---	---
Great Blue Heron	20±	12	---
TOTALS	20+	12	+

COLONY NUMBER: 615014   COUNTY: Lee

COLONY NAME: East of Boca Grande   LAT. - LONG: 26°46' - 82°-14'

TOWNSHIP: 43S   RANGE: 21E   SECTION: Devilfish Key   1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: No data.

Note: This colony moved to Charlotte County in 1977.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976
Great Blue Heron	+
Great Egret	50+
Snowy Egret	50-100
TOTALS	100-150+

COLONY NUMBER: 615015 COUNTY: Lee

COLONY NAME: Fort Myers LAT. - LONG: 26°31' - 82°02'

TOWNSHIP: 45S RANGE: 23E SECTION: Bird Island 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Brown Pelican	---	++	+	---
Double-crested Cormorant	---	---	+	---
Cattle Egret	---	---	---	+
Great Egret	50	15-25	25	25-30
Snowy Egret	---	---	+	---
Louisiana Heron	++	---	+	---
TOTALS	50+	15-25+	25+	25-30+

COLONY NUMBER: 615016 **COUNTY:** Lee

COLONY NAME: Hemp Key **LAT. - LONG:** 26°36' - 82°09'

TOWNSHIP: 44S **RANGE:** 22E **SECTION:** Hemp Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	300±	---	---	---	+++
Great Blue Heron	---	1+	---	4-5	+
Great Egret	20	40-50	100+	30	2
Snowy Egret	---	---	---	+	---
Louisiana Heron	---	+	+	+	+
TOTALS	320±	41-51+	100+	34+	2+

COLONY NUMBER: 615017 **COUNTY**: Lee

COLONY NAME: Lower Pine Island Sound **LAT. - LONG**: 26°29' - 82°06'

TOWNSHIP: 46S **RANGE**: 22E **SECTION**: 3 **1/4 SECTION**: SW

DESCRIPTION:
Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	30-40	+	---	60-70	---
Magnificent Frigate Bird	+*	+*	---	empty	---
Great Blue Heron	3-5	---	1-5	nests	---
Great Egret	25	15-20	25-35++		10-15
TOTALS	58-70 +*	15-20+ +*	26-40+	0	10-15

*non-nesting individuals

COLONY NUMBER: 615018 COUNTY: Lee

COLONY NAME: Off Mason Island LAT. - LONG: 26°33' - 82°08'

TOWNSHIP: 45S RANGE: 22E SECTION: 17 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: < 0.1 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Brown Pelican	+
Double-crested Cormorant	+
Great Blue Heron	5
TOTALS	5+

COLONY NUMBER: 615019 **COUNTY**: Lee

COLONY NAME: The Rocks Lake **LAT. - LONG**: 26°26' - 82°06'

TOWNSHIP: 43S **RANGE**: 22E **SECTION**: 27 **1/4 SECTION**:

DESCRIPTION: Colony site: Inland island.
Habitat surrounding colony: No data.
Colony area: 1.5 ha
Nesting substrate: No data.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1978
Anhinga	50
Green Heron	1
Little Blue Heron	15
Great Egret	22
Snowy Egret	15
Louisiana Heron	21
Yellow-crowned Night Heron	3
White Ibis	2
TOTALS	129

COLONY NUMBER: 615020 **COUNTY**: Lee

COLONY NAME: Sanibel Road **LAT. - LONG**: 26°33' - 82°04'

TOWNSHIP: 45S **RANGE**: 22E **SECTION**: **1/4 SECTION**:

DESCRIPTION: Colony site: Brackish marsh.
Habitat surrounding colony: No data.
Colony area: 1.0 ha
Nesting substrate: No data.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1978
Anhinga	8
Green Heron	2
Little Blue Heron	32
Great Egret	3
Snowy Egret	1
Louisiana Heron	1
TOTALS	47

COLONY NUMBER: 615021 COUNTY: Lee

COLONY NAME: Trailer Park Colony LAT. - LONG: 26°26' - 82°03'

TOWNSHIP: 46S RANGE: 23E SECTION: 30 1/4 SECTION:

DESCRIPTION: Colony site: Inland island.
Habitat surrounding colony: No data.
Colony area: 1.0 ha
Nesting substrate: Medium height shrubs.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check 1976
Anhinga	53
Green Heron	5
Little Blue Heron	33
Snowy Egret	35
Louisiana Heron	9
TOTALS	135

COLONY NUMBER: 615022 **COUNTY:** Lee

COLONY NAME: Useppa Bird Island **LAT. - LONG:** 26°40' - 82°14'

TOWNSHIP: 44S **RANGE:** 21E **SECTION:** Useppa Bird Island **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves and coastal hardwoods over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	500++	500-1000	1000++	+++	800-900
Double-crested Cormorant	100+	---	---	---	---
Great Blue Heron	10-15	---	10-15	15-20	+*
Little Blue Heron	1*	---	---	---	+*
Great Egret	5-10	10+	5±	10	---
Snowy Egret	---	+	---	---	+*
Louisiana Heron	---	---	+	+	---
White Ibis	---	---	---	+	---
TOTALS	615-625+ 1*	510-1010+	1015-1020+	25-30+	800-900 +*

*birds seen in flight lines from colony; no nests seen.

COLONY NUMBER: 619038 **COUNTY:** Lee

COLONY NAME: Estero Bay (Subcolony A) **LAT. - LONG.:** 26°24' - 81°52'

TOWNSHIP: 47S **RANGE:** 24E **SECTION:** 1/2 **1/4 SECTION:** SW/SE

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: ≤ 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	+	+++	empty
Double-crested Cormorant	+	+	
Great Egret	15-20	3	
TOTALS	15-20+	3+	0

COLONY NUMBER: 619038 **COUNTY:** Lee

COLONY NAME: Estero Bay
(Subcolonies AB_1B_2)

LAT. - LONG.: 26°26' - 26°24'
81°54' - 81°52'

TOWNSHIP: 46/47S **RANGE:** 24E **SECTION:** 28/34/1/2 **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

Note: Subcolonies not censused separately in 1976.
See individual subcolony sheets for 1977 and 1978.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976
Brown Pelican	+++	+++
Double-crested Cormorant	+++	---
Great Egret	70	40+
TOTALS	70+	40+

COLONY NUMBER: 619038 **COUNTY:** Lee

COLONY NAME: Estero Bay (Subcolony B_1) **LAT. - LONG.:** 26°26' - 81°54'

TOWNSHIP: 46S **RANGE:** 24E **SECTION:** 34 **1/4 SECTION:** SE

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: ≤0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	---	+++	---
Double-crested Cormorant	---	+	---
Great Blue Heron	---	1	---
Great Egret	30+	20	10
Snowy Egret	+	---	25
Louisiana Heron	+	---	+
TOTALS	30+	21+	35+

COLONY NUMBER: 619038 **COUNTY**: Lee

COLONY NAME: Estero Bay (Subcolony B_2) **LAT. - LONG.**: 26°26' - 81°54'

TOWNSHIP: 46S **RANGE**: 24E **SECTION**: 28 **1/4 SECTION**: SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: $\leq$0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	+++	+++	---
Double-crested Cormorant	---	+	---
Great Egret	---	5-10	---
Snowy Egret	---	---	5++
Louisiana Heron	---	+*	+
TOTALS	+	5-10+ +*	5+

*seen in flight lines.

COLONY NUMBER: 619038 **COUNTY:** Lee

COLONY NAME: Estero Bay (Subcolony C) **LAT. - LONG.:** 26°21' - 81°51'

TOWNSHIP: 47S **RANGE:** 25E **SECTION:** 19 **1/4 SECTION:** S mid

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: $\leq$0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

Note: This colony first seen April 1978.

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Brown Pelican	75	---
Double-crested Cormorant	+	---
Little Blue Heron	+*	---
Great Egret	15	5-10
Snowy Egret	---	+
Louisiana Heron	+*	---
TOTALS	90+ +*	5-10+

*seen in flight lines.

COLONY NUMBER: 619039 **COUNTY:** Lee

COLONY NAME: Fort Myers Airport **LAT. - LONG.:** 26°36' - 81°51'

TOWNSHIP: 45S **RANGE:** 25E **SECTION:** 6 **1/4 SECTION:**

DESCRIPTION:
Colony site: Marshy pond.
Habitat surrounding colony: Pine woods.
Colony area: 0.2 ha
Nesting substrate: Willows and custard apples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1978	July 1978
Little Blue Heron	+	empty	empty
Cattle Egret	150±		
TOTALS	150+	0	0

COLONY NUMBER: 619040 **COUNTY:** Lee

COLONY NAME: Fort Myers Power Plant **LAT. - LONG.:** 26°42' - 81°47'

TOWNSHIP: 43S **RANGE:** 25E **SECTION:** 26 **1/4 SECTION:** SE

DESCRIPTION:
Colony site: Two islands in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: Subcolonies not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	10-25	4	---
Little Blue Heron	+*	---	+	---
Cattle Egret	500±	100-200±	300-350	500-700
Great Egret	**	25++	---	---
Snowy Egret	+*	++	---	---
Louisiana Heron	+*	++	+	50+
TOTALS	500± +*	135-250+	304-354+	550-750+

*birds seen in flight lines
**uncertain if nesting

COLONY NUMBER: 619041 **COUNTY:** Lee

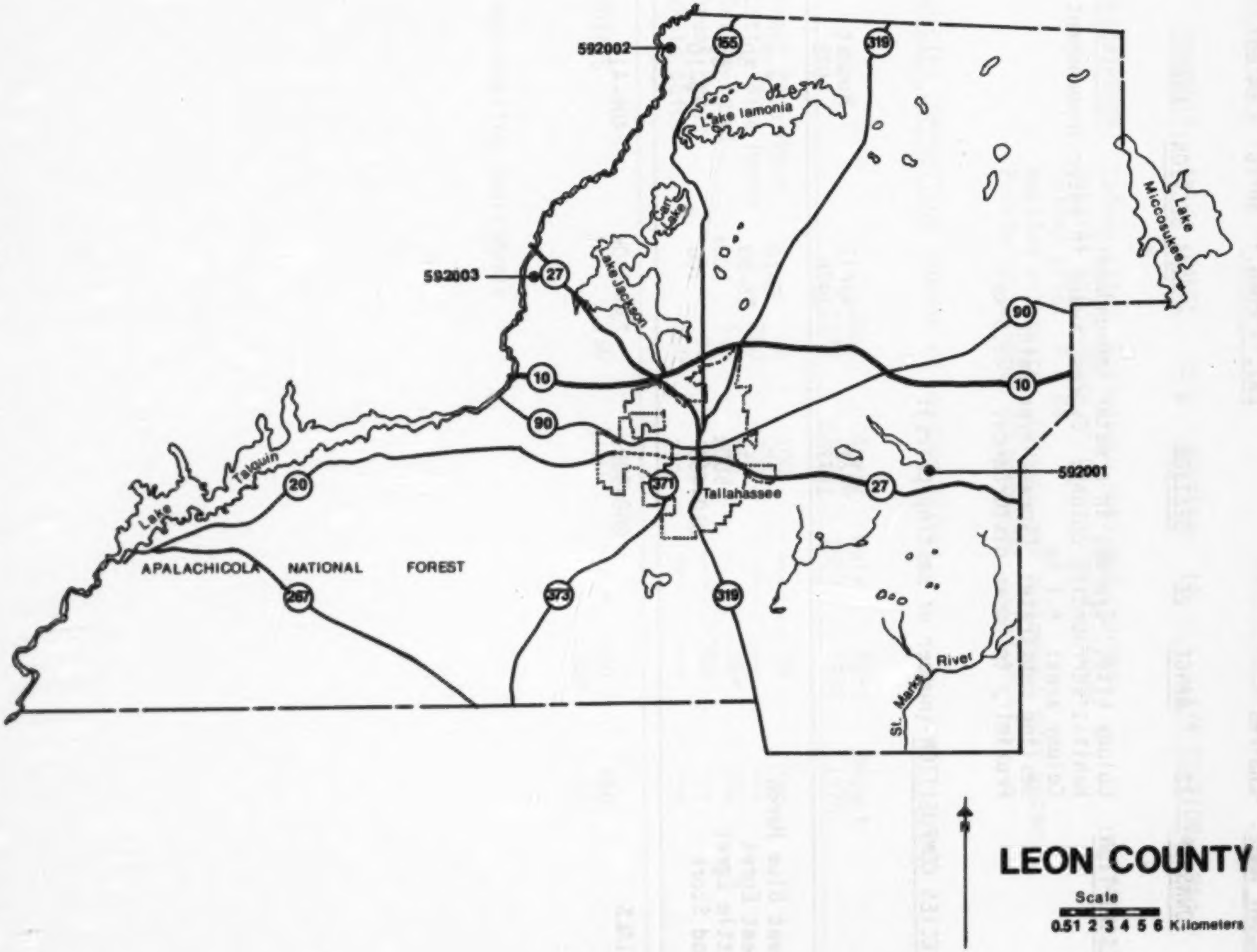
COLONY NAME: Midway Island **LAT. - LONG.:** 26°41' - 81°50'

TOWNSHIP: 43S **RANGE:** 25E **SECTION:** 32/33 **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	25+	---	---	---	---
Great Blue Heron	25	1+	25+	---	+
Little Blue Heron	---	---	---	---	+
Cattle Egret	---	300-500+	---	50+	500+
Great Egret	350	100-150	200±	125	100
Snowy Egret	50±	50-100±	++	50	++
Louisiana Heron	---	---	++	+	+
TOTALS	450+	451-751+	225+	225+	600+


LEON COUNTY
Scale
0.51 2 3 4 5 6 Kilometers
592002
592003
592001
Lake Iamonia
Carr Lake
Lake Jackson
Lake Miccosukee
Lake Talquin
Tallahassee
St. Marks River
APALACHICOLA NATIONAL FOREST
155
319
27
10
90
20
371
267
373

COLONY NUMBER: 592001 COUNTY: Leon

COLONY NAME: Chaires LAT. - LONG.: 30°26' - 84°08'

TOWNSHIP: 1S RANGE: 2E SECTION: 4 1/4 SECTION: Mid

DESCRIPTION: Colony site: Cypress in a water impoundment.
Habitat surrounding colony: Cypress swamp in water impoundment.
Colony area: 6.1 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Great Blue Heron	---	5-10	---
Great Egret	---	25-50	50
Cattle Egret	500±	100±	350
Wood Stork	350-400	100	6-10
TOTALS	850-900±	230-260±	406-410

COLONY NUMBER: 592002　　COUNTY: Leon

COLONY NAME: West of Iamonia　　LAT. - LONG.: 30°40' - 84°18'

TOWNSHIP: 3N　RANGE: 1W　SECTION: 14　1/4 SECTION: Mid

DESCRIPTION: Colony site: Buttonbush pond and cypress.
Habitat surrounding colony: Pine flatwoods.
Colony area: 4.8 ha
Nesting substrate: Cypress and buttonbush over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	30	100	---	50	---
Little Blue Heron	200	300	---	---	---
Cattle Egret	400	500	+	35*	450
Great Egret	50	200	---	100	---
White Ibis	100	---	---	---	---
TOTALS	780	1100	+	150 35*	450

*non-nesting individuals

COLONY NUMBER: 592003 **COUNTY**: Leon

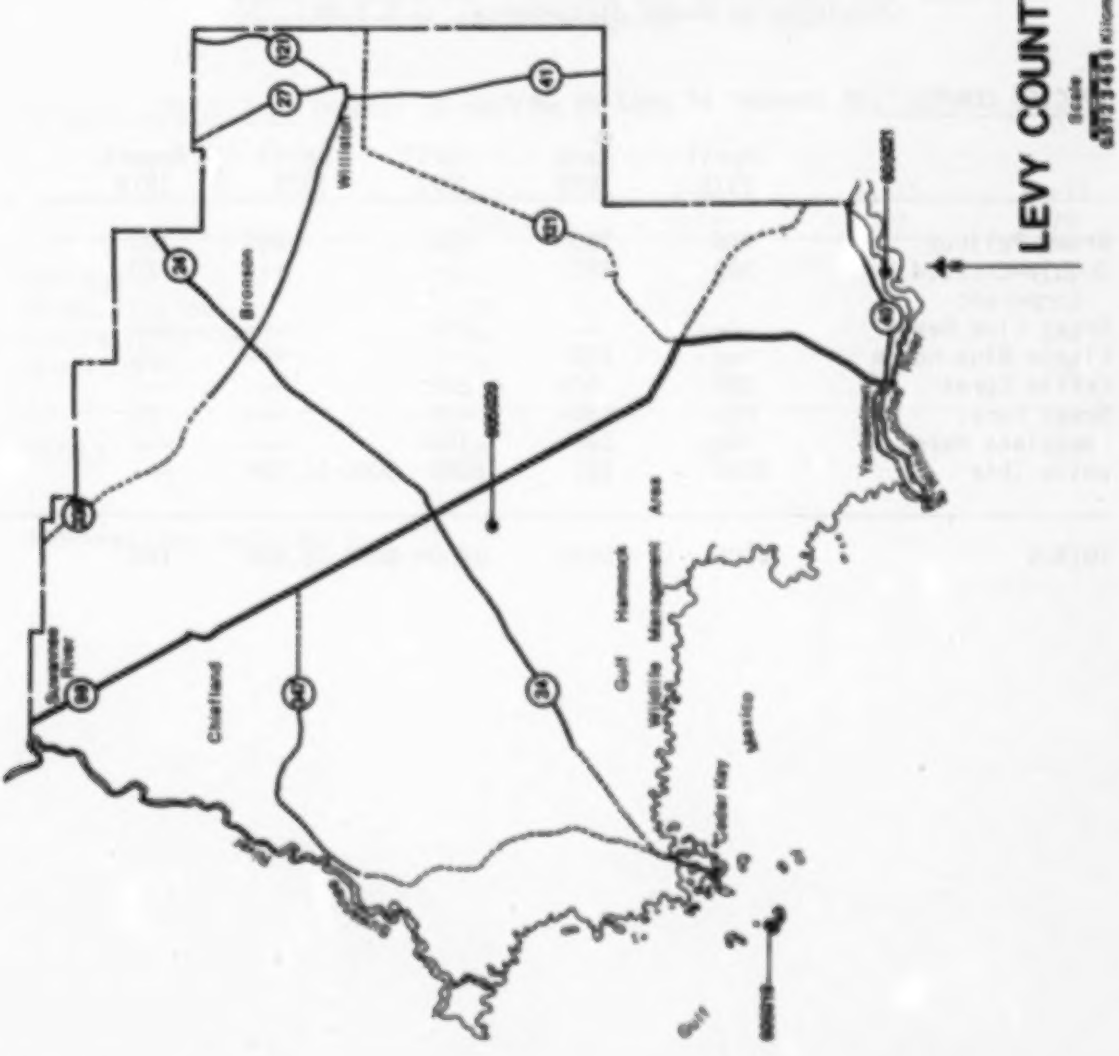
COLONY NAME: West of Lake Jackson **LAT. - LONG.**: 30°32' - 84°23'

TOWNSHIP: 2N **RANGE**: 2W **SECTION**: 25 **1/4 SECTION**: E

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 1.0 ha
Nesting substrate: Willows and buttonbush over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	1976	July 1977	April 1978	August 1978
Little Blue Heron	Reported active but not censused	+	empty	---
Cattle Egret		1000-1500		250
TOTALS		1000-1500+	0	250


LEVY COUNTY
Scale
Kilometers
Suwannee River
Chiefland
Bronson
Williston
Gulf Hammock
Wildlife Management Area
Cedar Key
Gulf
Mexico
Yankeetown
98
24
24
27
121
41
337
345
40

COLONY NUMBER: 605019 COUNTY: Levy

COLONY NAME: Cedar Keys LAT. - LONG.: 29°06' - 83°04'

TOWNSHIP: 16S RANGE: 12E SECTION: Seahorse Key 1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mixed hardwoods over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Brown Pelican	400	350	550	650	100
Double-crested Cormorant	300	200	---	---	20
Great Blue Heron	---	---	200	---	---
Little Blue Heron	---	100	---	---	---
Cattle Egret	200	50+	200	---	---
Great Egret	200	150+	400	---	25
Louisiana Heron	100	100	100+	---	---
White Ibis	3000	100	6000	8000-10,000	---
TOTALS	4200	1050+	7450+	8650-10,650	145

COLONY NUMBER: 605020	**COUNTY**: Levy
COLONY NAME: Gulf Hammock	**LAT.- LONG.**: 29°17' - 82°47'

TOWNSHIP: 14S **RANGE**: 15E **SECTION**: 2/11 **1/4 SECTION**:

DESCRIPTION: Colony site: Willows and buttonbush.
Habitat surrounding colony: Open marsh surrounded by hardwoods.
Colony area: 0.1 ha
Nesting substrate: Willows and buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Anhinga	---	---	15	---
Great Blue Heron	10	---	---	---
Cattle Egret	30	20*	---	---
Great Egret	25	10*	125	20
TOTALS	65	30*	140	20

*non-nesting individuals

COLONY NUMBER: 605021

COUNTY: Levy

COLONY NAME: Lake Rousseau

LAT. - LONG.: 29°02' - 82°35'

TOWNSHIP: 17S RANGE: 17E SECTION: 3 1/4 SECTION: W

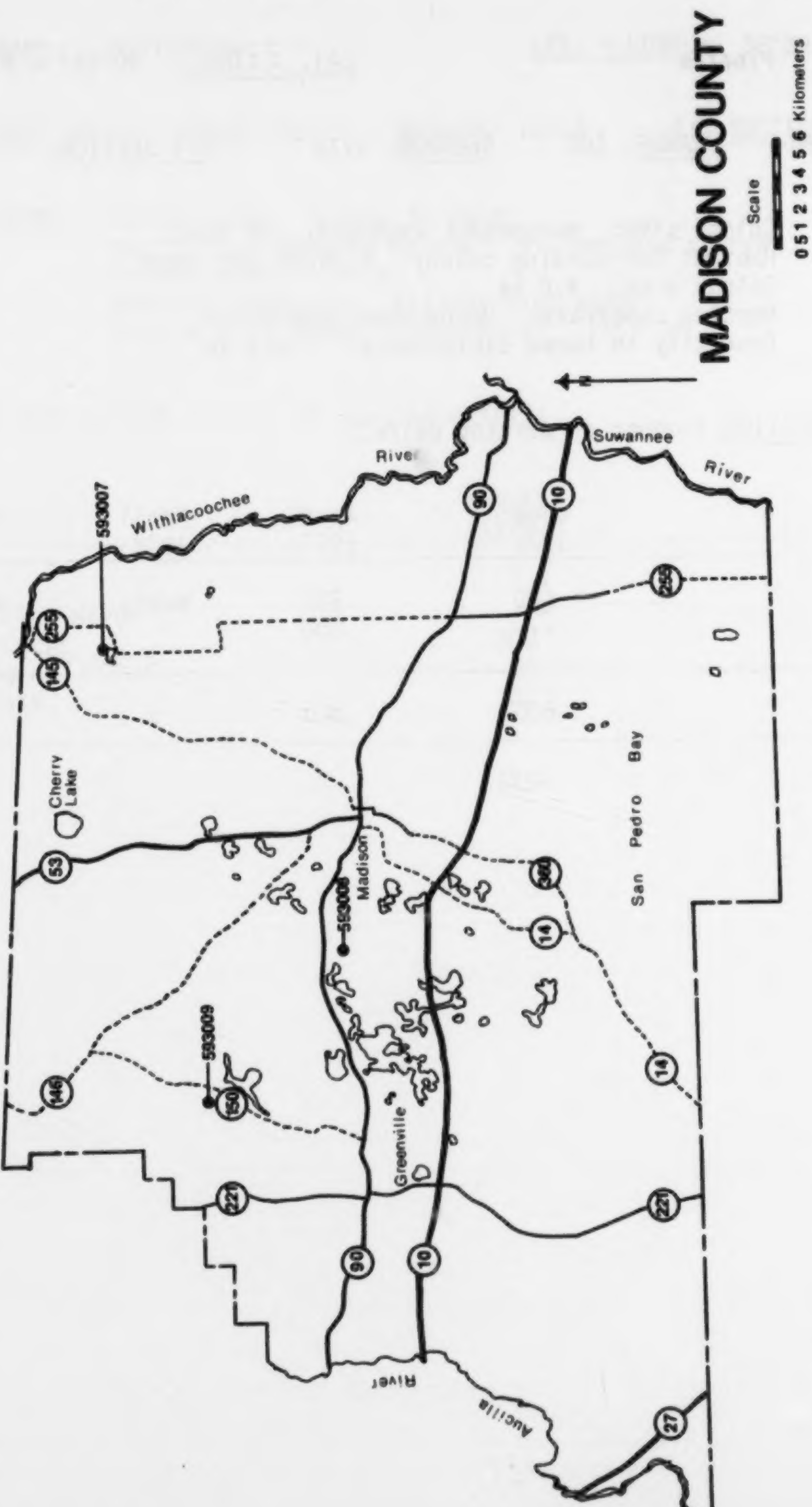
DESCRIPTION: Colony site: Two spoil islands in lake.
Habitat surrounding colony: Water.
Colony area: 0.6 ha
Nesting substrate: Elderberry over water.
Proximity to human disturbance: <0.8 km

Note: The two islands were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978
Little Blue Heron	---	6
Cattle Egret	125	4*
Great Egret	50	20
TOTALS	175	26 4*

*non-nesting individuals


MADISON COUNTY
Scale
0 .5 1 2 3 4 5 6 Kilometers
Withlacoochee
River
Suwannee
River
Aucilla
River
Cherry Lake
San Pedro Bay
Madison
Greenville
593007
593008
593009
10
90
53
145
255
146
150
221
14
360
27

COLONY NUMBER: 593007 **COUNTY:** Madison

COLONY NAME: Pinetta **LAT. - LONG.:** 30°36' - 83°19'

TOWNSHIP: 2N **RANGE:** 10E **SECTION:** 9/10 **1/4 SECTION:**

DESCRIPTION:
Colony site: Herbaceous vegetation in pond.
Habitat surrounding colony: Cypress and pond.
Colony area: 4.0 ha
Nesting substrate: Herbaceous vegetation.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	August 1978
Cattle Egret	600	600	empty	empty
Great Egret	---	200		
TOTALS	600	800	0	0

COLONY NUMBER: 593008 **COUNTY**: Madison

COLONY NAME: Madison West **LAT. - LONG.**: 30°29' - 83°29'

TOWNSHIP: 1N **RANGE**: 8E **SECTION**: 14/23 **1/4 SECTION**: E mid

DESCRIPTION:
Colony site: Island in pond.
Habitat surrounding colony: Willows and cypress.
Colony area: 1.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Anhinga	+
Little Blue Heron	+
Cattle Egret	300
Great Egret	25
White Ibis	300
TOTALS	625+

COLONY NUMBER: 593009 **COUNTY:** Madison

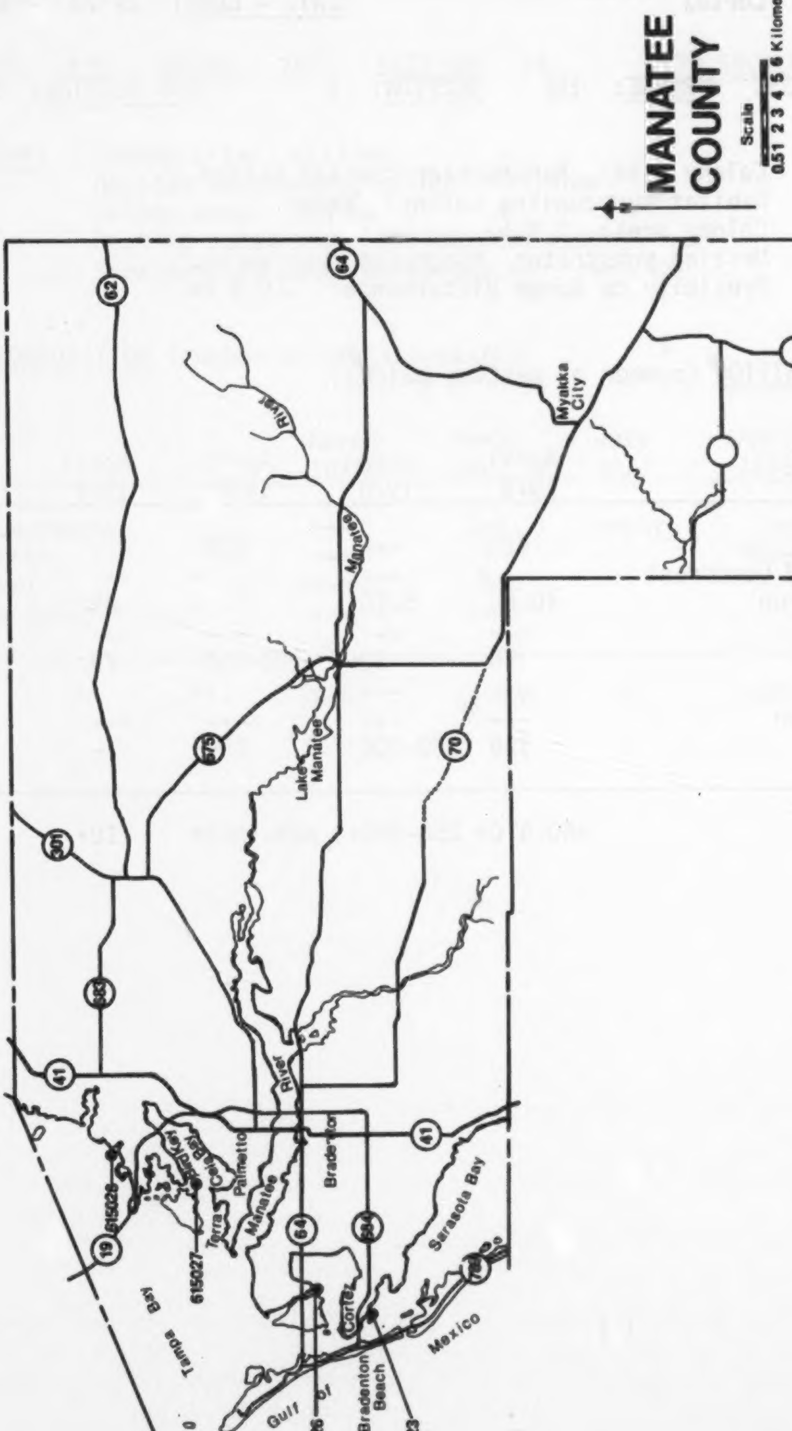
COLONY NAME: St. John's Church **LAT. - LONG.:** 30°33' - 83°35'

TOWNSHIP: 2N **RANGE:** 7E **SECTION:** 25 **1/4 SECTION:** Mid

DESCRIPTION:
Colony site: Cypress in pond.
Habitat surrounding colony: Open pasture.
Colony area: 0.8 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Great Blue Heron	15	---	empty	empty	empty
Little Blue Heron	---	800			
Cattle Egret	---	100+			
White Ibis	---	100+			
TOTALS	15	1000+	0	0	0


MANATEE COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers
N
62
64
675
70
301
683
41
41
19
64
684
789
River
Manatee
Lake Manatee
Myakka City
MYAKKA RIVER STATE PARK
615024
615025
615028
615027
Terra Ceia Bay
Palmetto
Manatee
River
Bradenton
Cortez
Bradenton Beach
615026
615023
Tampa Bay
Gulf of Mexico
Sarasota Bay

COLONY NUMBER: 615023 **COUNTY**: Manatee

COLONY NAME: Cortez **LAT. - LONG**: 27°28' - 82°41'

TOWNSHIP: 35S **RANGE**: 16E **SECTION**: 3 **1/4 SECTION**: SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 1.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	420	---	325	---	---
Double-crested Cormorant	+	---	+	---	---
Great Blue Heron	40-50	5-10	+	35	25+
Cattle Egret	---	---	---	---	+
Great Egret	50	50+	100-200	75	50
Snowy Egret	---	---	++	+	100
Louisiana Heron	---	---	---	---	+
White Ibis	150	200-300	500±	---	---
TOTALS	660-670+	255-360+	925-1025+	110+	175+

COLONY NUMBER: 615024 **COUNTY**: Manatee

COLONY NAME: Deer Prairie Slough **LAT. - LONG**: 27°13' - 82°12'

TOWNSHIP: 37S **RANGE**: 21E **SECTION**: 34 **1/4 SECTION**: NW

DESCRIPTION: Colony site: Willows.
Habitat surrounding colony: Willows.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	March 1976	April 1977	July 1977	April 1978	July 1978
Great Blue Heron	---	1-5	empty	---	empty
Cattle Egret	---	+++		400-500	
Great Egret	30-40	50±		50+	
Louisiana Heron	---	---		+	
TOTALS	30-40	51-55+	0	450-550+	0

COLONY NUMBER: 615025 **COUNTY**: Manatee

COLONY NAME: West of Deer Prairie Slough **LAT. - LONG**: 27°13' - 82°14'

TOWNSHIP: 37S **RANGE**: 21E **SECTION**: 32 **1/4 SECTION**: SW

DESCRIPTION: Colony site: Swamp shrubs and trees in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.2 ha
Nesting substrate: Sweet bay, red bay, and wax myrtle at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	5	---
Little Blue Heron	---	+
Great Egret	25	500+
TOTALS	30	500+

COLONY NUMBER: 615026 **COUNTY**: Manatee

COLONY NAME: Perico Island **LAT. - LONG**: 27°29' - 82°40'

TOWNSHIP: 34S **RANGE**: 16E **SECTION**: 35 **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Mangroves and water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	12	empty	5	empty	empty
TOTALS	12	0	5	0	0

COLONY NUMBER: 615027 **COUNTY**: Manatee

COLONY NAME: Terra Ceia Bay (Bird Island) **LAT. - LONG**: 27°33' - 82°36'

TOWNSHIP: 34S **RANGE**: 17E **SECTION**: 4 **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 2.0 ha
Nesting substrate. Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	---	---
Double-crested Cormorant	+	---	---	---	---
Great Blue Heron	50+	+	50	50+	+
Little Blue Heron	---	---	---	100+	---
Cattle Egret	500±	++	---	2000	2500-3000
Great Egret	100±	+	50-75	100	+
Snowy Egret	100+	---	+	---	+
Louisiana Heron	50±	+	+	++	+
Heron/Egret/Ibis spp.	---	4000-5000	---	---	---
Glossy Ibis	+	---	---	---	---
White Ibis	---	+	400-500±	2000	1000-1500
TOTALS	800+	4000-5000*	500-625+	4250+	3500-4500+

*Total number of pairs includes species with plus signs

COLONY NUMBER: 615028 **COUNTY**: Manatee

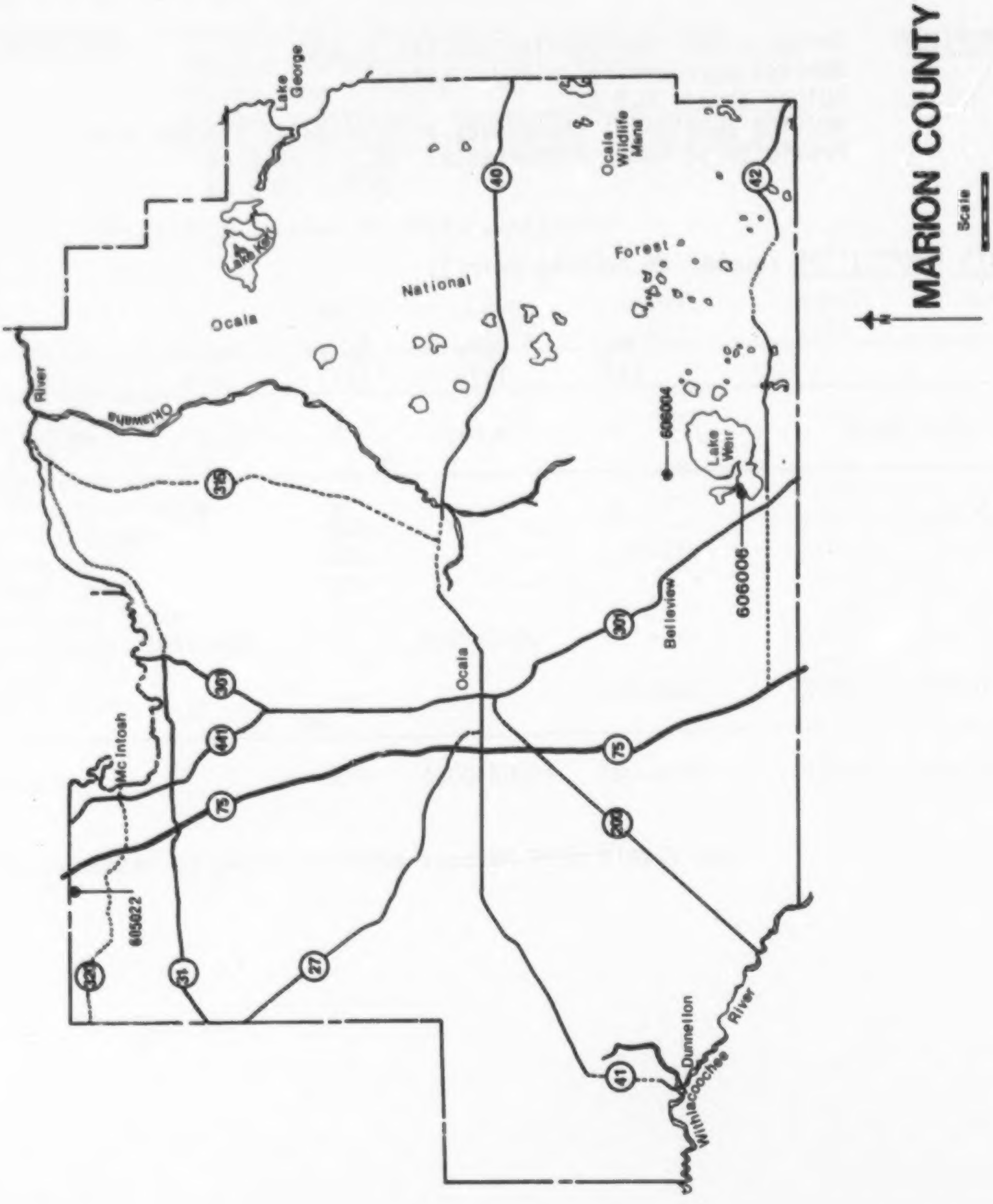
COLONY NAME: Two Brothers Island **LAT. - LONG**: 27°36' - 82°35'

TOWNSHIP: 33S **RANGE**: 17E **SECTION**: 22 **1/4 SECTION**: NE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	July 1976	April 1977	April 1978	July 1978
Great Blue Heron	9	empty	2	1	empty
TOTALS	9	0	2	1	0


Lake George
Lake Kerr
Ocala
National
Forest
Ocala Wildlife Mana
40
42
Oklawaha
River
316
606004
Lake Weir
606006
Belleview
301
Ocala
301
441
75
75
200
McIntosh
605622
329
31
27
41
Dunnellon
Withlacoochee
River
Scale
0.5 1 2 3 4 5 6 Kilometers

MARION COUNTY

COLONY NUMBER: 605022 **COUNTY**: Marion

COLONY NAME: Micanopy **LAT. - LONG.**: 29°29' - 82°18'

TOWNSHIP: 12S **RANGE**: 20E **SECTION**: 3 **1/4 SECTION**: NW

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Pines, cypress, and gum.
Colony area: 0.8 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Cattle Egret	400
TOTALS	400

COLONY NUMBER: 606004

COUNTY: Marion

COLONY NAME: Bower's Lake

LAT. - LONG.: 29°03' - 81°58'

TOWNSHIP: 16S RANGE: 23E SECTION: 36 1/4 SECTION:

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water and freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	August 1978
Anhinga	---	6	---	---
Great Blue Heron	---	12	---	---
Cattle Egret	50	---	+	100
Great Egret	---	---	50±	---
TOTALS	50	18	50+	100

COLONY NUMBER: 606006 **COUNTY:** Marion

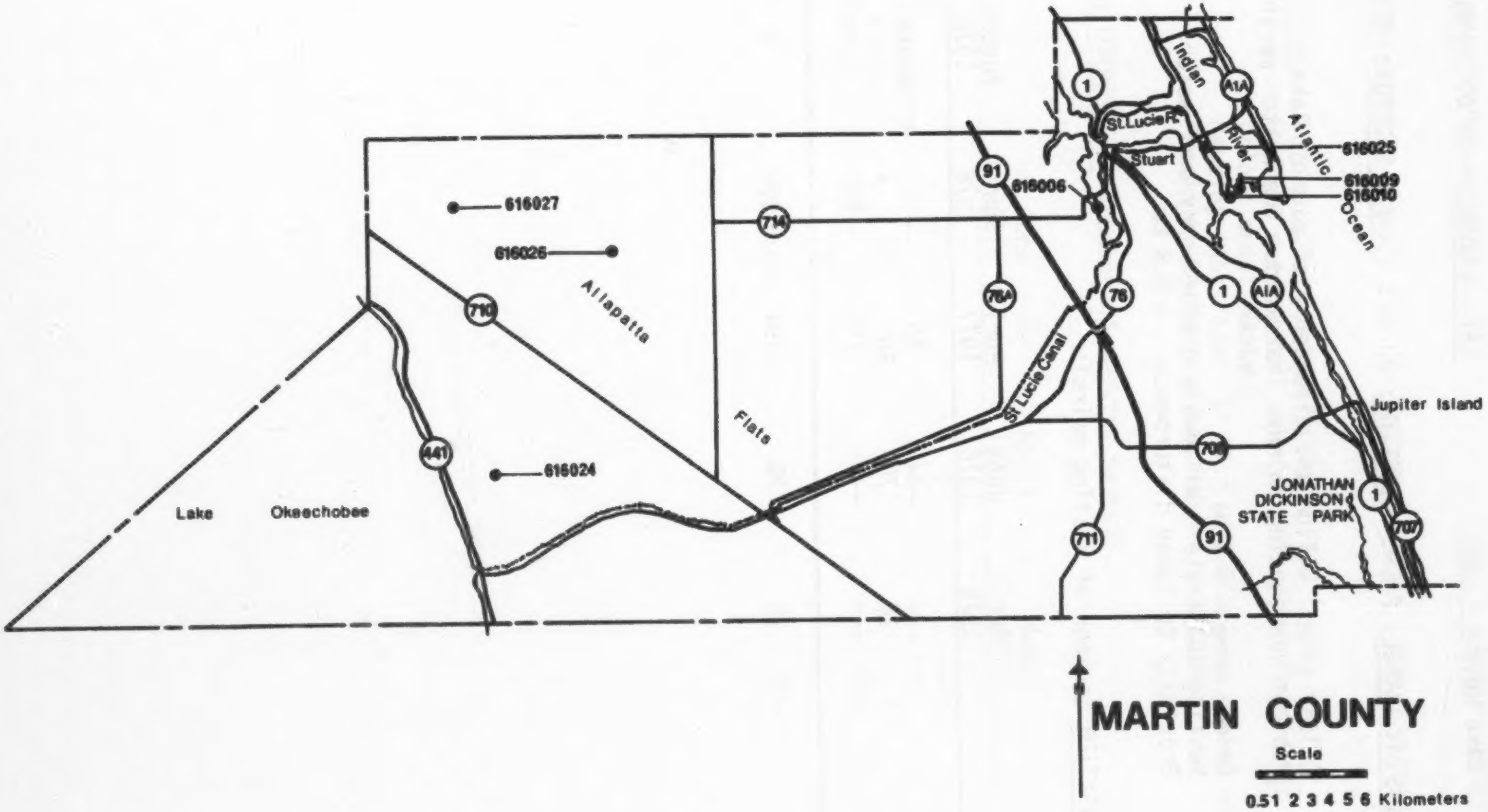
COLONY NAME: Lake Weir **LAT. - LONG.:** 29°00' - 81°58'

TOWNSHIP: 17S **RANGE:** 23E **SECTION:** 23 **1/4 SECTION:** N mid

DESCRIPTION:
Colony site: Willow and elderberry at edge of lake.
Habitat surrounding colony: Hardwoods, freshwater marsh, and water.
Colony area: 0.8 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Anhinga	---	---	50	---	empty
Cattle Egret	10	70	600	+	
Great Egret	---	---	20+	50±	
TOTALS	10	70	670+	50+	0


MARTIN COUNTY

Indian
A1A
Atlantic
616025
616009
616010
Ocean
1
St.Lucie R.
Stuart
River
91
616006
616027
616026
714
76A
76
1
A1A
710
Allapatta
St Lucie Canal
Flats
Jupiter Island
708
441
616024
JONATHAN DICKINSON STATE PARK
1
707
Lake
Okeechobee
711
91
Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 616006 **COUNTY:** Martin

COLONY NAME: Palm City **LAT. - LONG:** 27°10' - 80°16'

TOWNSHIP: 38S **RANGE:** 41E **SECTION:** 17 **1/4 SECTION:**

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 2.0 ha
Nesting substrate: Mangroves over low ground that may be seasonally flooded.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check July 1976	April 1977	June 1977	May 1978	June 1978
Little Blue Heron	5	50	---	25	empty	empty
Cattle Egret	700	2100	---	1000		
Great Egret	20	63	50	50		
Snowy Egret	---	100	---	---		
Egret spp. (Cattle & Snowy)	---	---	500+	---		
Louisiana Heron	---	100	100+	500		
White Ibis	---	900	---	500		
TOTALS	725	3313	650+	2075	0	0

COLONY NUMBER: 616009 COUNTY: Martin

COLONY NAME: Sewall Point East LAT. - LONG: 27°11' - 80°11'

TOWNSHIP: 38S RANGE: 42E SECTION: 7 1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Mangroves around Casuarina, and water.
Colony area: 1976 - 1.2 ha 1977 - 0.8 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	April 1977	June 1977	April 1978	June 1978
Brown Pelican	---	100	---	100	---	200
Double-crested Cormorant	---	50	---	---	---	---
Great Blue Heron	---	8*	---	---	5	---
Cattle Egret	20	---	---	---	---	500
Great Egret	---	20	75	75	100	150
Egret spp. (Cattle & Snowy)	---	---	150+	---	---	---
Black-crowned Night Heron	---	2*	---	---	---	---
TOTALS	20	170 10*	225+	175	105	850

*non-nesting individuals

COLONY NUMBER: 616010 **COUNTY:** Martin

COLONY NAME: Sewall Point South **LAT. - LONG:** 27°10' - 80°11'

TOWNSHIP: 38S **RANGE:** 42E **SECTION:** 18 **1/4 SECTION:**

DESCRIPTION:
Colony site: Coastal spoil island.
Habitat surrounding colony: *Casuarina* and water.
Colony area: 1976 - 2.0 ha 1977 - 1.5 ha
Nesting substrate: *Casuarina* over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	April 1977	June 1977	April 1978	June 1978
Great Blue Heron	22	27	25	empty nests	15	20+
TOTALS	22	27	25	0	15	20+

COLONY NUMBER: 616024 **COUNTY:** Martin

COLONY NAME: Barley Barber Reservoir **LAT. - LONG:** 27°02' - 80°36'

TOWNSHIP: 39S **RANGE:** 37E **SECTION:** 35 **1/4 SECTION:**

DESCRIPTION:
Colony site: Willows along edge of ditch.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Cattle Egret	---	500
Great Egret	250	---
TOTALS	250	500

COLONY NUMBER: 616025 **COUNTY:** Martin

COLONY NAME: F.I.T. Campus **LAT. - LONG:** 27°12' - 80°12'

TOWNSHIP: 38S **RANGE:** 41E **SECTION:** 1 **1/4 SECTION:**

DESCRIPTION: Colony site: Scattered clumps of mangrove along the edge of the Indian River.
Habitat surrounding colony: Saltmarsh (Batis and Spartina) and water.
Colony area: 1.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Little Blue Heron	25
Cattle Egret	1000
Great Egret	50
Louisiana Heron	+
White Ibis	+
TOTALS	1075+

COLONY NUMBER: 616026 COUNTY: Martin

COLONY NAME: Fox Brown LAT. - LONG: 27°08' - 80°32'

TOWNSHIP: 38S RANGE: 38E SECTION: 28/27/34 1/4 SECTION: NE/SW/NW

DESCRIPTION: Colony site: Willows in a freshwater marsh.
Habitat surrounding colony: Willows, cypress, and pasture.
Colony area: 8.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	June 1977	April 1978	June 1978
Little Blue Heron	100+	150	empty	+
Cattle Egret	1000	5000		10,000+
Great Egret	150	100+		---
Snowy Egret	1000	---		+
Louisiana Heron	100+	500		50-100
TOTALS	2350+	5750+	0	10,050-10,100+

COLONY NUMBER: 616027 **COUNTY:** Martin

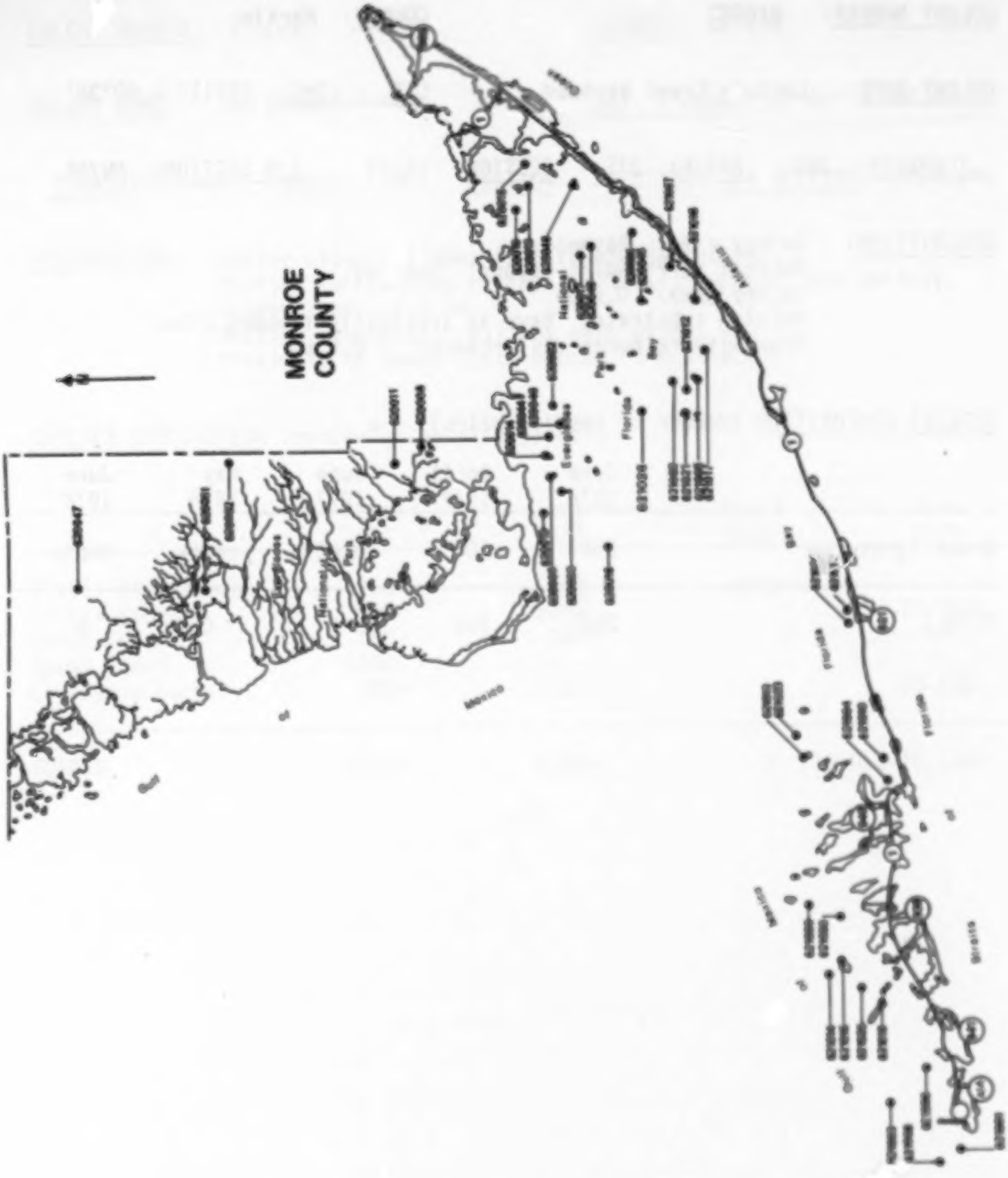
COLONY NAME: Lettuce Creek Bayhead **LAT. - LONG:** 27°11' - 80°38'

TOWNSHIP: 38S **RANGE:** 37E **SECTION:** 15/16 **1/4 SECTION:** NW/NE

DESCRIPTION:
Colony site: Bayhead.
Habitat surrounding colony: Bayhead.
Colony area: 0.6 ha
Nesting substrate: Bays at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	June 1977	May 1978	June 1978
Great Egret	200	100	empty	empty	empty
TOTALS	200	100	0	0	0


MONROE COUNTY
Gulf of Mexico
Everglades National Park
Florida Bay
Atlantic
Straits of Florida

COLONY NUMBER: 620002 **COUNTY**: Monroe

COLONY NAME: Camp Key **LAT. - LONG.**: 25°07' - 80°49'

TOWNSHIP: 61S **RANGE**: 35E **SECTION**: Camp Key **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978
Great White Heron	12	5	---	empty
Great Blue Heron	2	---	1	
TOTALS	14	5	1	0

COLONY NUMBER: 620003 **COUNTY:** Monroe

COLONY NAME: Catfish Key **LAT. - LONG.:** 25°06' - 80°55'

TOWNSHIP: 61S **RANGE:** 34E **SECTION:** Catfish Key **1/4 SECTION:**

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	May 1976	April 1977	July 1977	April 1978
Great White Heron	---	14	12	12	2
Great Blue Heron	---	2	2	2	---
Great Egret	8-10	---	---	2	---
TOTALS	8-10	16	14	16	2

COLONY NUMBER: 620005 **COUNTY**: Monroe

COLONY NAME: Cowpens **LAT. - LONG.**: 25°00' - 80°34'

TOWNSHIP: 62S **RANGE**: 38E **SECTION**: Cowpens Keys **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Aug. 1976	April 1977	July 1977	Feb. 1978	April 1978	July 1978
Brown Pelican	30	---	empty	---	---	empty	---
Double-crested Cormorant	20	---		---	---		35
Great White Heron	3	---		---	---		6
Little Blue Heron	---	1		---	---		---
Reddish Egret	---	4		---	---		---
Great Egret	20	6-8		33	---		5
Louisiana Heron	---	4-5		---	---		---
Roseate Spoonbill	---	---		---	13		---
TOTALS	73	15-18	0	33	13	0	46

COLONY NUMBER: 620008 **COUNTY:** Monroe

COLONY NAME: East River **LAT. - LONG.:** 25°16' - 80°52'

TOWNSHIP: 59S **RANGE:** 34E **SECTION:** 25 **1/4 SECTION:**

DESCRIPTION:
Colony site: Islands in a lake.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Jan. 1976	April 1976	June 1976	April 1977	June 1977	Mar. 1978	July 1978
Great Egret	200	---	empty	50-100	empty	20	empty
Wood Stork	75	30-35		50		---	
TOTALS	275	30-35	0	100-150	0	20	0

COLONY NUMBER: 620009 **COUNTY:** Monroe

COLONY NAME: Frank Key **LAT. - LONG.:** 25°06' - 80°55'

TOWNSHIP: 61S **RANGE:** 34E **SECTION:** Frank Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Mangroves, coastal hardwoods, and buttonwood.
Colony area: No data.
Nesting substrate: Mangroves, coastal hardwoods, and thorn scrub over high ground.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Feb. 1976	Ground check April 1976	June 1976	Feb. 1977	Mar. 1977	June 1977	Feb. 1978	April 1978	July 1978
Brown Pelican	250	---	---	+	50+	---	---	199	40
Double-crested Cormorant	350	---	---	+	+++	---	---	110	225
Great Blue Heron	---	---	---	---	---	---	---	---	---
Little Blue Heron	---	---	+	---	---	---	---	---	---
Reddish Egret	---	4	---	---	---	---	---	---	---
Great Egret	400	75-100	200-250	150	450-500	---	---	175	35
Snowy Egret	300	+	+	---	---	---	---	10	150
Louisiana Heron	---	84	+	---	---	---	---	---	---
Black-crowned Night Heron	25	---	---	---	---	---	---	---	---
White Ibis	---	---	1000±	---	---	1000	---	75	235
Roseate Spoonbill	56	---	---	---	---	---	36	---	---
TOTALS	1381	163-188+	1200-1250+	150+	500-550+	1000	36	569	685

COLONY NUMBER: 620011 **COUNTY:** Monroe

COLONY NAME: Lane River Rookery **LAT.- LONG.:** 25°18' - 80°53'

TOWNSHIP: 59S **RANGE:** 34E **SECTION:** 14 **1/4 SECTION:**

DESCRIPTION:
Colony site: Islands in lake.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Jan. 1976	Ground check April 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Great Egret	300	35	empty	150	---	20±*	---
Snowy Egret	350	---		---	---	+	100-200**
Louisiana Heron	20	225		+	---	+	+
Wood stork	1200	200		500-600	100-125	---	---
White Ibis	---	---		---	---	+	50**
TOTALS	1870	460	0	650-750+	100-125	+ 20±*	+ 150-250**

*individuals
**fledged young birds

COLONY NUMBER: 620012 **COUNTY:** Monroe

COLONY NAME: South Nest Key **LAT. - LONG.:** 25°08' - 80°31'

TOWNSHIP: 61S **RANGE:** 38E **SECTION:** South Nest Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	Feb. 1978	April 1978	July 1978
Brown Pelican	---	10	---	75	3
Double-crested Cormorant	25	---	---	---	---
Great White Heron	1	---	---	---	---
Great Egret	---	5+	---	---	---
Roseate Spoonbill	---	---	10	---	---
TOTALS	26	15+	10	75	3

COLONY NUMBER: 620013 **COUNTY**: Monroe

COLONY NAME: West Oyster Key **LAT. - LONG.**: 25°06' - 80°57'

TOWNSHIP: 61S **RANGE**: 34E **SECTION**: West Oyster Key **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check March 1976	April 1976	April 1977	July 1977	Feb. 1978	May 1978	July 1978
Brown Pelican	+	---	---	---	---	---	---
Double-crested Cormorant	+	---	125	45	---	45	20
Great Egret	---	45	---	15	---	28	10
Louisiana Heron	---	---	---	---	---	1	---
Roseate Spoonbill	105	---	---	---	56	---	---
TOTALS	105+	45	125	60	56	74	30

COLONY NUMBER: 620014 **COUNTY**: Monroe

COLONY NAME: Palm Key **LAT. - LONG.**: 25°07' - 80°53'

TOWNSHIP: 61S **RANGE**: 34E **SECTION**: Palm Key **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Thorn thicket.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	---	---	---	200	empty
Great White Heron	---	---	1	---	
Great Blue Heron	---	1	---	---	
Great Egret	4	50	---	5	
TOTALS	4	51	1	205	0

COLONY NUMBER: 620015 COUNTY: Monroe

COLONY NAME: Porjoe Key LAT. - LONG.: 25°08' - 80°28'

TOWNSHIP: 61S RANGE: 39E SECTION: Porjoe Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	April 1977	July 1977	Feb. 1978	May 1978
Reddish Egret	---	1	empty	---	---	---
Snowy Egret	---	9		40	---	15
Louisiana Heron	25	83		---	---	---
White Ibis	---	4		---	---	---
Roseate Spoonbill	---	---		---	64	---
TOTALS	25	97	0	40	64	15

COLONY NUMBER: 620016 COUNTY: Monroe

COLONY NAME: Sandy Key LAT. - LONG.: 25°02' - 81°01'

TOWNSHIP: 62S RANGE: 33E SECTION: Sandy Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check April 1976	Ground check July 1976	April 1977	July 1977	Feb. 1978	April 1978	June 1978
Double-crested Cormorant	250	250	250	120	---	130	165
Great White Heron	---	---	---	---	---	3	5
Great Blue Heron	40	---	---	---	---	1	---
Little Blue Heron	---	8	---	---	---	---	---
Reddish Egret	1	---	---	---	---	---	---
Great Egret	25	15	150	15	---	30	55
Snowy Egret	3	9	---	---	---	15	35
Louisiana Heron	10	406	---	---	---	---	65
Black-crowned Night Heron	20	---	---	---	---	---	---
Roseate Spoonbill	4	---	---	---	25	---	---
TOTALS	353	688	400	135	25	179	325

COLONY NUMBER: 620017

COUNTY: Monroe

COLONY NAME: Stake Key

LAT. - LONG.: 25°03' - 80°35'

TOWNSHIP: 62S

RANGE: 37E

SECTION: Stake Key

1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	February 1978
Roseate Spoonbill	41
TOTALS	41

COLONY NUMBER: 620019 **COUNTY**: Monroe

COLONY NAME: Tern Key **LAT. - LONG.**: 25°10' - 80°33'

TOWNSHIP: 61S **RANGE**: 38E **SECTION**: Tern Key **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Jan. 1976	Ground check July 1976	April 1977	July 1977	Feb. 1978	May 1978	July 1978
Reddish Egret	---	1	empty	---	---	---	---
Louisiana Heron	---	274		---	---	---	5*
White Ibis	---	---		12	---	6	10
Roseate Spoonbill	495	---		---	272	---	---
TOTALS	495	275	0	12	272	6	10 5*

*non-nesting individuals

COLONY NUMBER: 620044 COUNTY: Monroe

COLONY NAME: Cormorant Key LAT. - LONG.: 25°07' - 80°51'

TOWNSHIP: 61S RANGE: 35E SECTION: Cormorant Key 1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977
Great White Heron	2	1
Great Blue Heron	15	6
TOTALS	17	7

COLONY NUMBER: 620045 **COUNTY**: Monroe

COLONY NAME: Crane Keys **LAT. - LONG.**: 25°00' - 80°37'

TOWNSHIP: 62S **RANGE**: 37E **SECTION**: Crane Keys **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	April 1977	July 1977	Feb. 1978	April 1978
Great White Heron	1	empty	---	---	empty
Great Egret	1		24	---	
Roseate Spoonbill	1		---	31	
TOTALS	3	0	24	31	0

COLONY NUMBER: 620046 **COUNTY**: Monroe

COLONY NAME: Curlew Key **LAT. - LONG.**: 25°06' - 80°50'

TOWNSHIP: 61S **RANGE**: 35E **SECTION**: Curlew Key **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	May 1978
Double-crested Cormorant	---	---	+*
Great White Heron	---	---	+*
Great Egret	75	22	---
Snowy Egret	---	1	---
TOTALS	75	23	+*

*non-nesting individuals

COLONY NUMBER: 620047 **COUNTY:** Monroe

COLONY NAME: Dike below Loop Rd. - Southwest **LAT. - LONG.:** 25°42' - 81°04'

TOWNSHIP: 55S **RANGE:** 33E **SECTION:** 6 **1/4 SECTION:**

DESCRIPTION:
Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Egret	5
TOTALS	5

COLONY NUMBER: 620048 **COUNTY**: Monroe

COLONY NAME: Butternut Keys **LAT. - LONG.**: 25°05' - 80°31'

TOWNSHIP: 61/62S **RANGE**: 38E **SECTION**: Butternut Keys **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1977	Feb. 1978	April 1978
Great White Heron	1	empty	---	5
Roseate Spoonbill	---		8	---
TOTALS	1	0	8	5

COLONY NUMBER: 620049 **COUNTY**: Monroe

COLONY NAME: Low Key **LAT. - LONG.**: 25°03' - 80°35'

TOWNSHIP: 62S **RANGE**: 37E **SECTION**: Low Key **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	May 1978	July 1978
Great White Heron	3	empty	empty	empty	5
TOTALS	3	0	0	0	5

COLONY NUMBER: 620051 COUNTY: Monroe

COLONY NAME: Rogers River Bay LAT. - LONG.: 25°33' - 81°04'

TOWNSHIP: 56S RANGE: 32E SECTION: 36 1/4 SECTION:

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground Check Jan. 1976	Mar. 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	---	33	---	---	---	---	---
Great Egret	300	359	100	120	20	250	45
Snowy Egret	400	1365	200	300	70	100	410
Louisiana Heron	450	---	+	10	50+	30	60
White Ibis	---	---	---	---	620	---	---
TOTALS	1150	1757	300+	430	760+	380	515

COLONY NUMBER: 620052 **COUNTY**: Monroe

COLONY NAME: Southwest of 10 Mile Corner **LAT. - LONG.**: 25°31' - 80°53'

TOWNSHIP: 57S **RANGE**: 34E **SECTION**: 12 **1/4 SECTION**:

DESCRIPTION:
Colony site: Willows.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	3**
Louisiana Heron	7*
White Ibis	1*
TOTALS	3 8*

*non-nesting individuals
**plus 17 immature and 2 adult birds

COLONY NUMBER: 621001 **COUNTY**: Monroe

COLONY NAME: Archer Key **LAT. - LONG.**: 24°34' - 81°54'

TOWNSHIP: 67S **RANGE**: 24E **SECTION**: Archer Key **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	18
Great Blue Heron	7
TOTALS	25

COLONY NUMBER: 621002 COUNTY: Monroe

COLONY NAME: Barnes Key LAT. - LONG.: 24°56' - 80°47'

TOWNSHIP: 63S RANGE: 35E SECTION: Barnes Key 1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	40	empty	10	22	---	empty
Great White Heron	1		---	---	8	
Great Egret	30		40	15	---	
TOTALS	71	0	50	37	8	0

COLONY NUMBER: 621003 **COUNTY:** Monroe

COLONY NAME: Bay Keys **LAT. - LONG.:** 24°38' - 81°46'

TOWNSHIP: 67S **RANGE:** 25E **SECTION:** Bay Keys **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	485
Great White Heron	7
Great Blue Heron	3
TOTALS	495

COLONY NUMBER: 621004 **COUNTY:** Monroe

COLONY NAME: Big Mangrove Key **LAT. - LONG.:** 24°40' - 81°19'

TOWNSHIP: 66S **RANGE:** 30E **SECTION:** Big Mangrove Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	30
Double-crested Cormorant	20
Great Blue Heron (some Great White Herons)	15
Great Egret	4
TOTALS	69

COLONY NUMBER: 621005 **COUNTY:** Monroe

COLONY NAME: Buchanan Keys **LAT. - LONG.:** 24°55' - 80°46'

TOWNSHIP: 63S **RANGE:** 35E **SECTION:** **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

Note: 2 islands, not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Feb. 1976	April 1976	Ground check June 1976	April 1977	July 1977	Feb. 1978	May 1978	Aug. 1978
Brown Pelicans	88	105	---	45	---	---	64	---
Double-crested Cormorant	200	---	200	120	130	---	220	115+
Great White Heron	---	---	---	---	---	---	---	6*
Great Blue Heron	12	---	---	---	---	---	---	---
Little Blue Heron	---	---	3	---	---	---	---	3*
Great Egret	12	35-45	---	60	2	---	20	---
Snowy Egret	---	---	4	---	10	---	---	---
Louisiana Heron	---	---	17	---	---	---	---	4*
Roseate Spoonbill	50	---	---	---	---	42	---	---
TOTALS	362	140-150	224	225	142	42	304	115+ 13*

*non-nesting individuals

COLONY NUMBER: 621006 **COUNTY**: Monroe

COLONY NAME: Channel Key **LAT. - LONG.**: 24°36' - 81°43'

TOWNSHIP: 67S **RANGE**: 25E **SECTION**: Channel Key **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	350
Great White Heron	6
TOTALS	356

COLONY NUMBER: 621007 **COUNTY**: Monroe

COLONY NAME: Cotton Key **LAT. - LONG.**: 24°58' - 80°37'

TOWNSHIP: 63S **RANGE**: 37E **SECTION**: Cotton Key **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976
Double-crested Cormorant	40
Great Blue Heron	5
Great Egret	20
TOTALS	65

COLONY NUMBER: 621008 **COUNTY:** Monroe

COLONY NAME: Cottrell Key **LAT. - LONG.:** 24°37' - 81°55'

TOWNSHIP: 67S **RANGE:** 24E **SECTION:** Cottrell Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	140
Double-crested Cormorant	420
Great Egret	8
TOTALS	568

COLONY NUMBER: 621009 **COUNTY:** Monroe

COLONY NAME: Crane Key **LAT. - LONG.:** 24°45' - 81°31'

TOWNSHIP: 65S **RANGE:** 28E **SECTION:** Crane Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	8
Great Blue Heron	6
TOTALS	14

COLONY NUMBER: 621010 **COUNTY:** Monroe

COLONY NAME: Don Quixote Key **LAT. - LONG.:** 24°40' - 81°18'

TOWNSHIP: 66S **RANGE:** 30E **SECTION:** Don Quixote Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1976
Double-crested Cormorant	5
Little Blue Heron	4
Snowy Egret	2
Louisiana Heron	5
White Ibis	107
TOTALS	123

COLONY NUMBER: 621011 **COUNTY:** Monroe

COLONY NAME: Fanny Keys **LAT. - LONG.:** 24°43' - 81°06'

TOWNSHIP: 66S **RANGE:** 32E **SECTION:** Fanny Keys **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	70
Double-crested Cormorant	580
Great White Heron	4
Great Egret	15
TOTALS	669

COLONY NUMBER: 621012 **COUNTY:** Monroe

COLONY NAME: Green Mangrove Key **LAT. - LONG.:** 24°55' - 80°47'

TOWNSHIP: 63S **RANGE:** 35E **SECTION:** Green Mangrove Key **1/4 SECTION:**

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	40	10	120	empty	35
Great White Heron	1	---	5		---
Great Egret	12	35	10		---
TOTALS	53	45	135	0	35

COLONY NUMBER: 621013 **COUNTY**: Monroe

COLONY NAME: Horseshoe Keys **LAT. - LONG.**: 24°46' - 81°17'

TOWNSHIP: 65S **RANGE**: 30E **SECTION**: Horseshoe Keys **1/4 SECTION**:

DESCRIPTION:

Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Great White Heron	14
Great Blue Heron	9
TOTALS	23

COLONY NUMBER: 621014 **COUNTY**: Monroe

COLONY NAME: Johnston Key Mangroves **LAT. - LONG.**: 24°44' - 81°35'

TOWNSHIP: 65/66S **RANGE**: 27E **SECTION**: Johnston Key Mangroves **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976
Brown Pelican	25	---
Double-crested Cormorant	15	---
Great Blue Heron	1	---
Little Blue Heron	---	2
Reddish Egret	---	1
Louisiana Heron	---	5
White Ibis	20+	63
TOTALS	61+	71

COLONY NUMBER: 621015 **COUNTY:** Monroe

COLONY NAME: Johnston Key - West **LAT. - LONG.:** 24°43' - 81°35'

TOWNSHIP: 66S **RANGE:** 27E **SECTION:** Johnston Key - West **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1976
Double-crested Cormorant	20
Great Blue Heron	4
Little Blue Heron	2
Reddish Egret	1
Louisiana Heron	2
White Ibis	68
TOTALS	97

COLONY NUMBER: 621017 **COUNTY**: Monroe

COLONY NAME: Peterson Keys **LAT. - LONG.**: 24°55' - 80°45'

TOWNSHIP: 63/64S **RANGE**: 36E **SECTION**: Peterson Keys **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978
Double-crested Cormorant	25	---	45	20
Great White Heron	7	3	1	---
Great Egret	14	6	---	8
Snowy Egret	---	---	---	2
TOTALS	46	9	46	30

COLONY NUMBER: 621018 **COUNTY:** Monroe

COLONY NAME: Shell Key **LAT. - LONG.:** 24°55' - 80°40'

TOWNSHIP: 63S **RANGE:** 37E **SECTION:** Shell Key **1/4 SECTION:**

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976
Double-crested Cormorant	250
Great Egret	6
TOTALS	256

COLONY NUMBER: 621019 **COUNTY**: Monroe

COLONY NAME: Snipe Keys **LAT. - LONG.**: 24°40' - 81°42'

TOWNSHIP: 66S **RANGE**: 26/27E **SECTION**: Snipe Keys **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Great White Heron	5
TOTALS	5

COLONY NUMBER: 621020 **COUNTY**: Monroe

COLONY NAME: Tarpon Belly Keys **LAT. - LONG.**: 24°44' - 81°31'

TOWNSHIP: 66S **RANGE**: 28E **SECTION**: Tarpon Belly Keys **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	70
Great White Heron	5
TOTALS	75

COLONY NUMBER: 621021 COUNTY: Monroe

COLONY NAME: Upper Arsnicker Key LAT. - LONG.: 24°56' - 80°50'

TOWNSHIP: 63S RANGE: 35E SECTION: Upper Arsenicker Key 1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	July 1977	April 1978	July 1978
Brown Pelican	20	empty	---	---	26	---
Double-crested Cormorant	60		20	75	---	---
Great White Heron	---		---	18	---	3
Great Blue Heron	---		---	9	---	2
Great Egret	40		---	---	---	---
TOTALS	120	0	20	102	26	5

COLONY NUMBER: 621023 COUNTY: Monroe

COLONY NAME: West Bahia Honda Key LAT. - LONG.: 24°47' - 81°16

TOWNSHIP: 65S RANGE: 30E SECTION: West Bahia Honda Key 1/4 SECTION:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	180
Great White Heron	9
White Ibis	2
TOTALS	191

COLONY NUMBER: 621024 **COUNTY:** Monroe

COLONY NAME: Hog Key **LAT. - LONG.:** 24°43' - 81°07'

TOWNSHIP: 66S **RANGE:** 32E **SECTION:** Hog Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	February 1977
Brown Pelican	+
Great White Heron	75
Great Blue Heron	15
TOTALS	90+

COLONY NUMBER: 621025 **COUNTY**: Monroe

COLONY NAME: Pigeon Key **LAT. - LONG.**: 24°42' - 81°36'

TOWNSHIP: 66S **RANGE**: 27E **SECTION**: Pigeon Key **1/4 SECTION**:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	May 1976
Double-crested Cormorant	20	10
Great White Heron	---	1
White Ibis	---	+
TOTALS	20	11+

COLONY NUMBER: 621026 **COUNTY:** Monroe

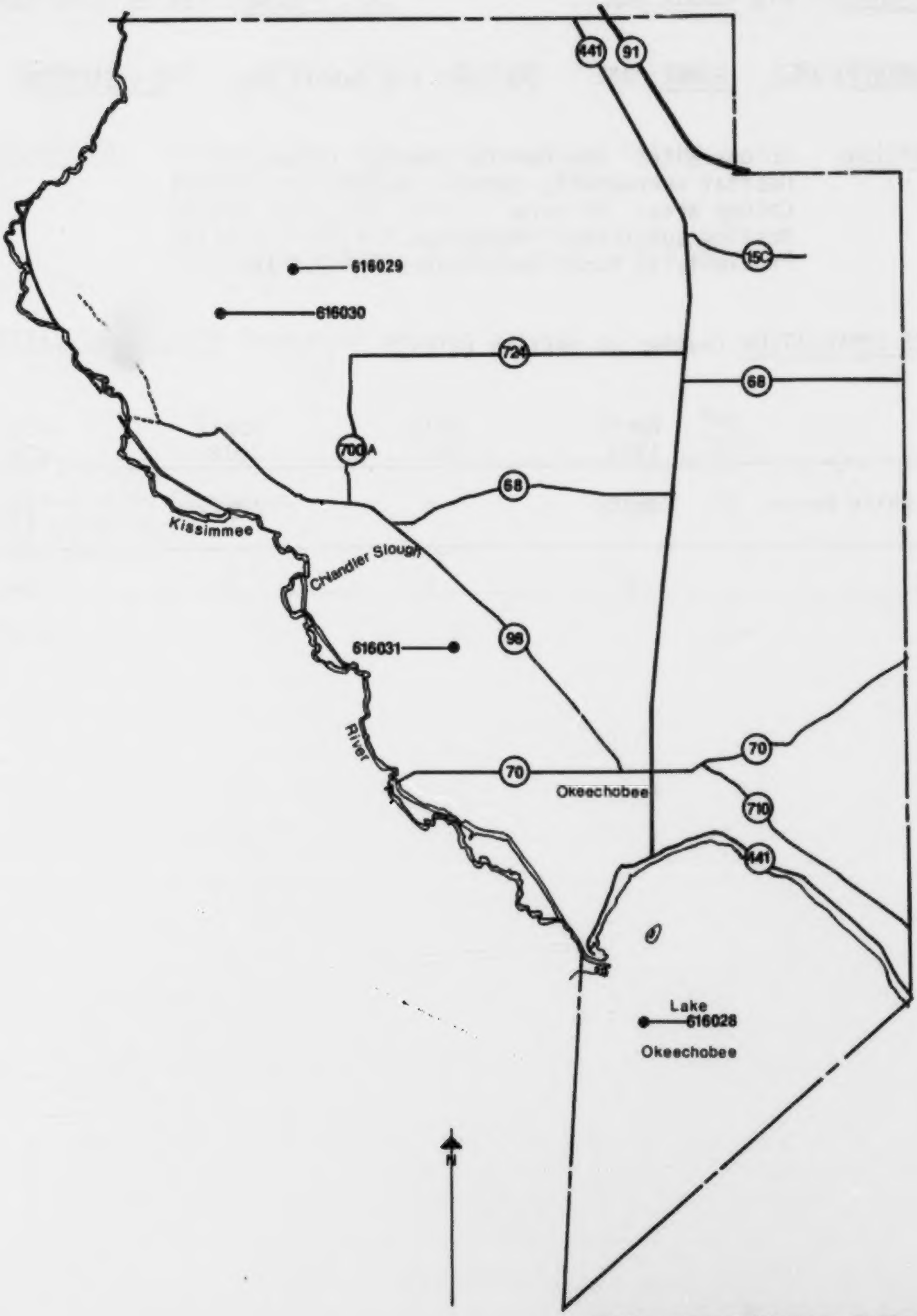
COLONY NAME: Big Rabbit Key **LAT. - LONG.:** 24°59' - 80°50'

TOWNSHIP: 63S **RANGE:** 35E **SECTION:** Big Rabbit Key **1/4 SECTION:**

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	July 1978
Great White Heron	empty	5	empty	5+
TOTALS	0	5	0	5+



441
91
15C
616029
616030
724
68
700A
68
Kissimmee
Chandler Slough
98
616031
River
70
70
Okeechobee
710
441
Lake
616028
Okeechobee
N

OKEECHOBEE COUNTY

Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 616028 **COUNTY:** Okeechobee

COLONY NAME: King's Bar **LAT.- LONG:** 27°07' - 80°50'

TOWNSHIP: 39S **RANGE:** 35E **SECTION:** King's Bar in Lake Okeechobee **1/4 SECTION:**

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Willows, sawgrass, and water.
Colony area: 1976 - 0.8 ha 1977 - 8.0+ ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	July 1976	April 1977	June 1977	May 1978	June 1978
Anhinga	---	50	50+	---	---	150
Great Blue Heron	---	---	---	---	20	---
Little Blue Heron	100+	150	50+	100	+	50
Cattle Egret	5000	2500	---	1500	1500	1500
Great Egret	50-100	500	250+	250	150	---
Snowy Egret	100+	---	---	100+	100	500
Egret spp. (Cattle & Snowy)	---	---	5000+	---	---	---
Louisiana Heron	+	100	---	150	50	---
Glossy Ibis	50±	---	---	---	---	50
White Ibis	1000	---	1000+	500	1000	500+
TOTALS	6300-6350+	3300	6350+	2600+	2820+	2750+

COLONY NUMBER: 616029 COUNTY: Okeechobee

COLONY NAME: Lander Hammock LAT. - LONG: 27°31' - 81°02'

TOWNSHIP: 34S RANGE: 33E SECTION: 21 1/4 SECTION: NW

DESCRIPTION: Colony site: Willow and swamp hardwood pond.
Habitat surrounding colony: Oak/palm hammock and freshwater marsh.
Colony area: No data.
Nesting substrate: Willows, maples and flag over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	May 1978	June 1978
Little Blue Heron	+	empty	empty
Cattle Egret	300-400		
Great Egret	+		
Louisiana Heron	+		
White Ibis	+*		
TOTALS	300-400+ +*	0	0

*uncertain if nesting

COLONY NUMBER: 616030 **COUNTY:** Okeechobee

COLONY NAME: Wolf Sawgrass **LAT.- LONG:** 27°29' - 81°05'

TOWNSHIP: 34S **RANGE:** 32E **SECTION:** 24/25 **1/4 SECTION:** W

DESCRIPTION: Colony site: Willows and elderberry.
Habitat surrounding colony: Willows, elderberry, and freshwater marsh.
Colony area: 0.6 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	August 1976	April 1977	June 1977	May 1978	June 1978
Anhinga	empty	+	empty	---	empty	empty
Little Blue Heron		+		---		
Cattle Egret		1500-2000		150		
Great Egret		+		---		
Louisiana Heron		+		---		
Yellow-crowned Night Heron		---		30		
White Ibis		100-150		---		
TOTALS	0	1600-2150+	0	180	0	0

COLONY NUMBER: 616031 **COUNTY:** Okeechobee

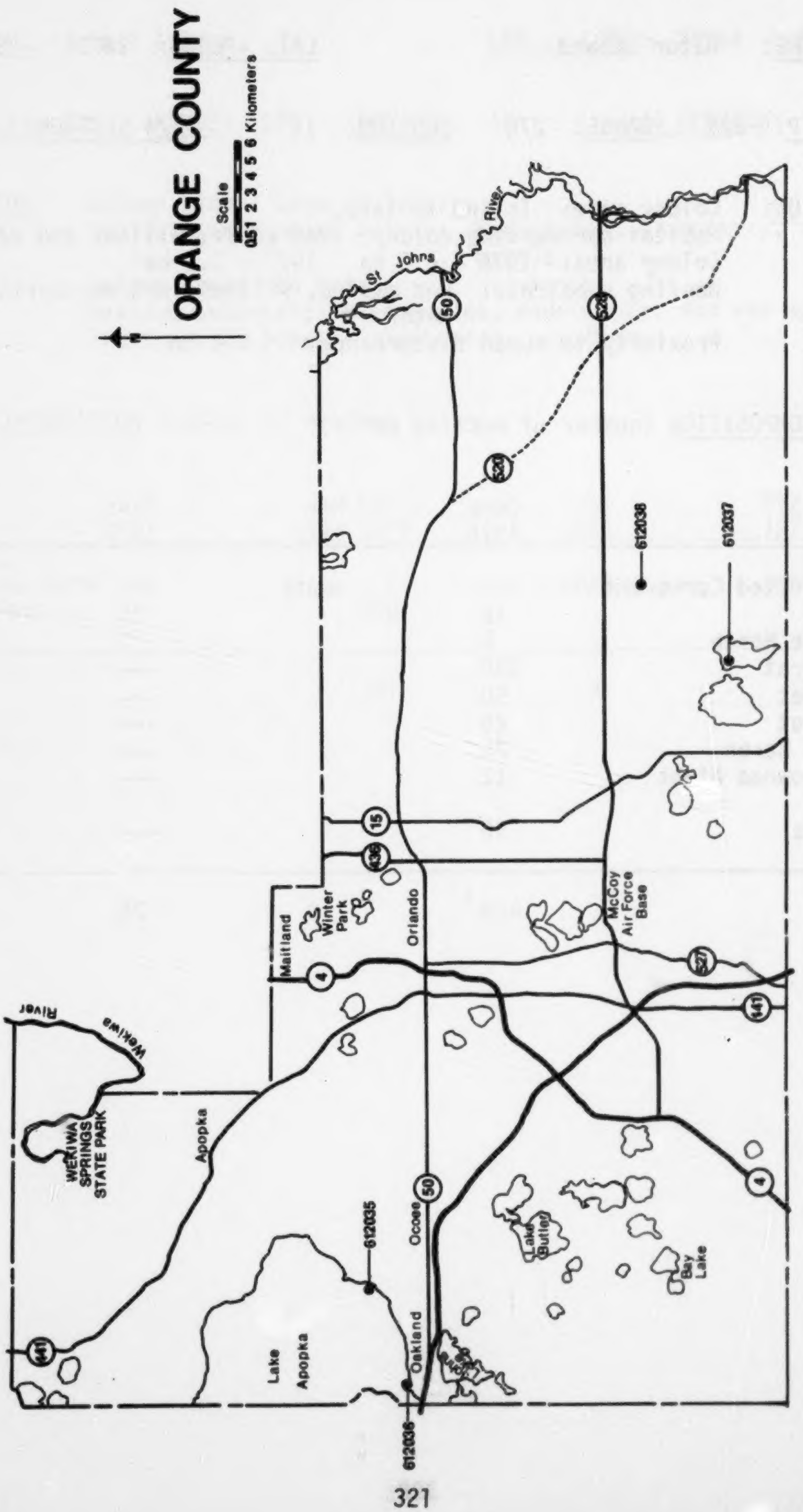
COLONY NAME: Yates Sawgrass **LAT. - LONG:** 27°19' - 80°57'

TOWNSHIP: 36S **RANGE:** 34E **SECTION:** 29 **1/4 SECTION:** E

DESCRIPTION: Colony site: Willows.
Habitat surrounding colony: Willows and freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	April 1977	May 1978	June 1978
Anhinga	+	empty	empty	empty
Cattle Egret	1500+			
Great Egret	50+			
Louisiana Heron	+			
White Ibis	+			
TOTALS	1550+	0	0	0


ORANGE COUNTY
Scale
0 .5 1 2 3 4 5 6 Kilometers
N
St. Johns River
50
520
528
612036
612037
15
436
Maitland
Winter Park
Orlando
McCoy Air Force Base
527
441
4
Wekiwa River
WEKIWA SPRINGS STATE PARK
Apopka
Ocoee
50
612035
Lake Butler
Bay Lake
Lake Apopka
Oakland
612038
441
4

COLONY NUMBER: 612035 **COUNTY:** Orange

COLONY NAME: Gator Island **LAT. - LONG:** 28°35' - 81°35'

TOWNSHIP: 22S **RANGE:** 27E **SECTION:** 11 **1/4 SECTION:**

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Red maple, willow, and wax myrtle.
Colony area: 1976 - 4.0 ha 1977 - 1.2 ha
Nesting substrate: Red maples, willows, and wax myrtle over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	June 1977	May 1978
Double-crested Cormorant	---	empty	---	25
Anhinga	12		25	---
Great Blue Heron	5		1	6
Cattle Egret	250		---	---
Great Egret	50		---	---
Snowy Egret	25		---	---
Louisiana Heron	25		---	---
Yellow-crowned Night Heron	12		---	---
White Ibis	50		---	---
TOTALS	429	0	26	31

COLONY NUMBER: 612036 **COUNTY:** Orange

COLONY NAME: Hull Island **LAT. - LONG:** 28°34' - 81°39'

TOWNSHIP: 22S **RANGE:** 27E **SECTION:** 19 **1/4 SECTION:**

DESCRIPTION:
Colony site: Edge of lake.
Habitat surrounding colony: Red maples, elderberry, and wax myrtle.
Colony area: No data.
Nesting substrate: Red maples, elderberry, and wax myrtle.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977
Great Blue Heron	1	empty	empty
Great Egret	100		
TOTALS	101	0	0

COLONY NUMBER: 612037 **COUNTY:** Orange

COLONY NAME: Lake Mary Jane **LAT. - LONG:** 28°23' - 81°11'

TOWNSHIP: 24S **RANGE:** 31E **SECTION:** 23/26 **1/4 SECTION:** SE/NE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Willows.
Colony area: 1.6 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Cattle Egret	1000	2000	2500
Great Egret	---	50	---
Snowy Egret	100	---	---
Louisiana Heron	100	---	---
White Ibis	50	150+	---
TOTALS	1250	2200+	2500

COLONY NUMBER:	612038	**COUNTY:**	Orange
COLONY NAME:	Mary Jane Borrow	**LAT. - LONG:**	28°26' - 81°08'

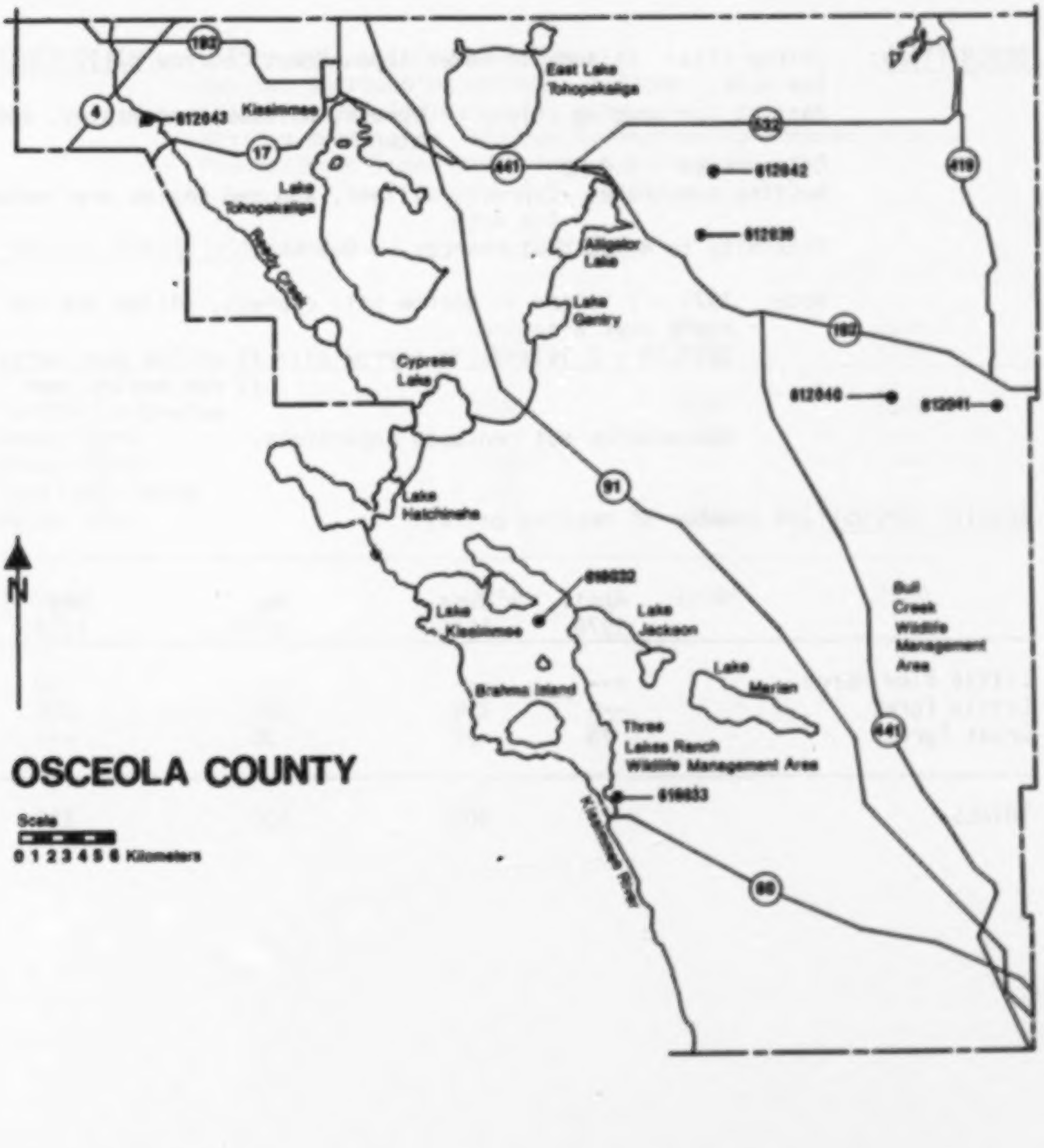
TOWNSHIP: 24S **RANGE:** 32E **SECTION:** 5 **1/4 SECTION:**

DESCRIPTION: Colony site: Islands in water impoundment (borrow pit). See note.
Habitat surrounding colony: Cypress, willows, red maples, and water.
Colony area: 0.4 ha
Nesting substrate: Cypress, willows, and red maples over water. See note.
Proximity to human disturbance: > 0.8 km

Note: 1976 - 1 island in borrow pit: cypress, willow and red maple over water.
1977-78 - 2 islands in borrow pit: #1 willow over water. #2 red maples over water.
Subcolonies not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977	May 1978
Little Blue Heron	---	---	---	50
Cattle Egret	---	250	100	200
Great Egret	75	50	30	---
TOTALS	75	300	130	250


192
East Lake
Tohopekaliga
4
612043
Kissimmee
17
532
441
612042
419
Lake
Tohopekaliga
Reedy Creek
612039
Alligator
Lake
Lake
Gentry
192
Cypress
Lake
612040
612041
91
Lake
Hatchineha
N
616032
Bull
Creek
Wildlife
Management
Area
Lake
Kissimmee
Lake
Jackson
Lake
Marian
Brahma Island
441
Three
Lakes Ranch
Wildlife Management Area
OSCEOLA COUNTY
616033
Scale
0 1 2 3 4 5 6 Kilometers
Kissimmee River
60

COLONY NUMBER: 612039 **COUNTY**: Osceola

COLONY NAME: Cat Lake **LAT. - LONG**: 28°12' - 81°07'

TOWNSHIP: 26S **RANGE**: 32E **SECTION**: 28 **1/4 SECTION**: NW

DESCRIPTION: Colony site: Edge of lake.
Habitat surrounding colony: Pine flatwoods and unimproved pasture.
Colony area: 0.6 ha
Nesting substrate: Willows and cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	June 1978
Little Blue Heron	25	empty
Cattle Egret	500	
TOTALS	525	0

COLONY NUMBER: 612040

COUNTY: Osceola

COLONY NAME: Crabgrass

LAT. - LONG: 28°05' - 80°59'

TOWNSHIP: 27S **RANGE**: 33E **SECTION**: 36 **1/4 SECTION**: SW

DESCRIPTION:
Colony site: Cypress.
Habitat surrounding colony: Unimproved pasture, and open pine flatwoods.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1977	April 1978
Great Egret	10	empty
Wood Stork	30	
TOTALS	40	0

COLONY NUMBER: 612041 **COUNTY**: Osceola

COLONY NAME: Jane Green Creek **LAT. - LONG**: 28°05' - 80°54'

TOWNSHIP: 28S **RANGE**: 34E **SECTION**: 2 **1/4 SECTION**:

DESCRIPTION:
Colony site: Creek bottom swamp.
Habitat surrounding colony: Cypress.
Colony area: 1.0 ha
Nesting substrate: Cypress at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	April 1978	June 1978
Wood Stork	20	empty	empty
TOTALS	20	0	0

COLONY NUMBER: 612042 **COUNTY:** Osceola

COLONY NAME: Lake Conlin **LAT. - LONG:** 28°14' - 81°06'

TOWNSHIP: 26S **RANGE:** 32E **SECTION:** 10 **1/4 SECTION:**

DESCRIPTION:
Colony site: Cypress at edge of lake.
Habitat surrounding colony: Cypress.
Colony area: 1.2 ha
Nesting substrate: Cypress at seaonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	April 1978	June 1978
Wood Stork	50	empty	empty
TOTALS	50	0	0

COLONY NUMBER: 612043 **COUNTY**: Osceola

COLONY NAME: Upper Reedy Creek **LAT. - LONG**: 28°17' - 81°34'

TOWNSHIP: 25S **RANGE**: 27/28E **SECTION**: 25/30 **1/4 SECTION**:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	July 1977	April 1978	July 1978
Great Egret	50	empty	empty	empty	empty
TOTALS	50	0	0	0	0

COLONY NUMBER: 616032 **COUNTY**: Osceola

COLONY NAME: Rabbit Island **LAT. - LONG**: 27°56' -81°15'

TOWNSHIP: 29S **RANGE**: 31E **SECTION**: 19/30 **1/4 SECTION**: SE/NE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Open ground (planted with melon and corn in June 1976-1977)
Colony area: 1976 - 1.2 ha 1977 - 8.0 ha
Nesting substrate: Willows, elderberry, and *Baccharis* at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Double-crested Cormorant	100	25	---	---	---	---
Anhinga	---	25	25	---	---	150
Little Blue Heron	100	50	50	50+	100	50
Cattle Egret	500	1500	---	1500	2500	5000
Great Egret	50	175	250	---	50	100
Snowy Egret	100	---	---	300	---	---
Egret spp. (Snowy & Cattle)	---	---	1000	---	---	---
Louisiana Heron	---	25	---	150+	---	50
Black-crowned Night Heron	---	---	---	---	50	---
White Ibis	100	1000	1000	500	1000	500
TOTALS	950	2800	2325	2500+	3700	5850

COLONY NUMBER: 616033

COUNTY: Osceola

COLONY NAME: Three Lakes Ranch

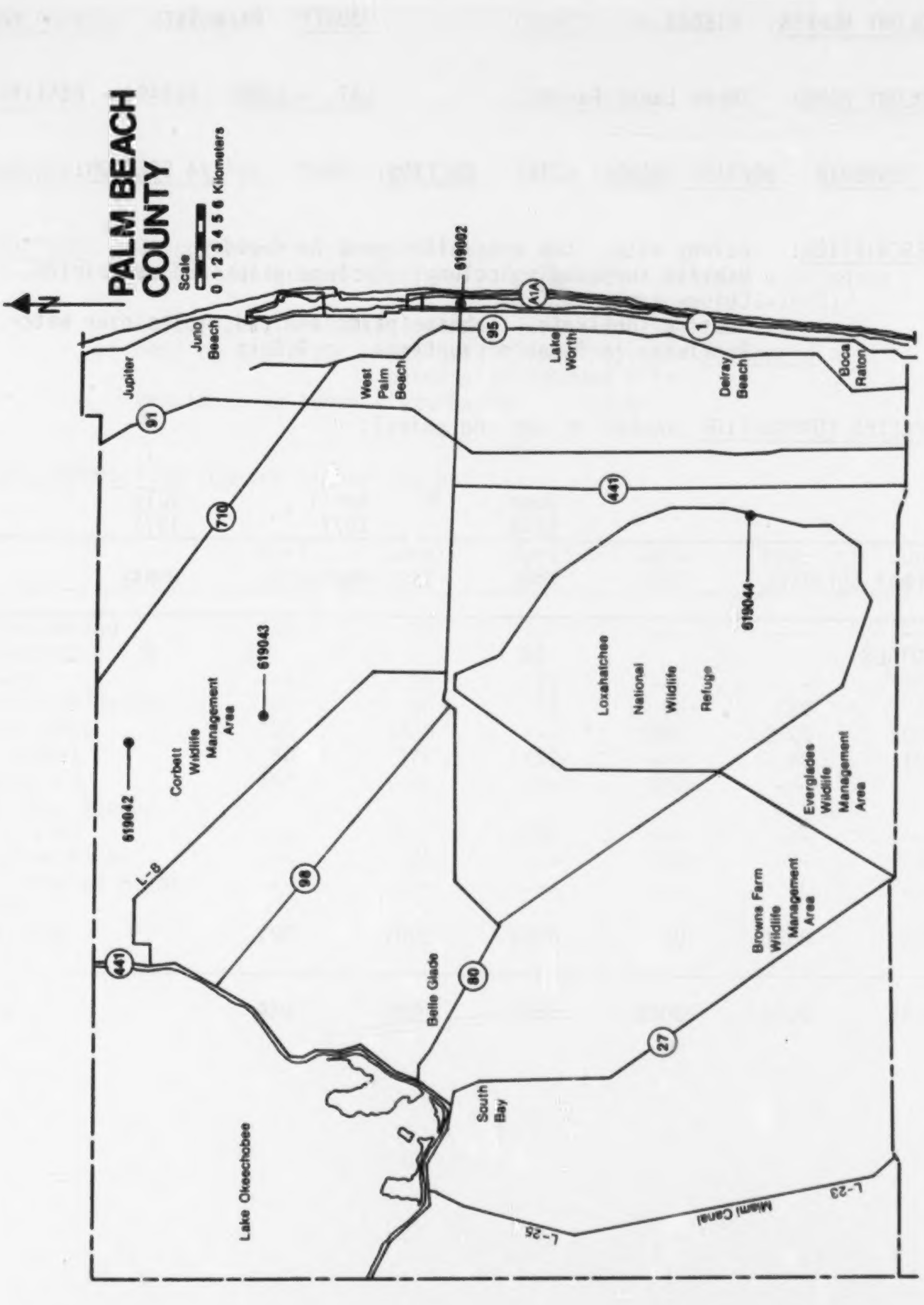
LAT. - LONG: 27°49' - 81°11'

TOWNSHIP: 30/31S **RANGE**: 31E **SECTION**: 35/2 **1/4 SECTION**:

DESCRIPTION:
Colony site: Low area with swamp hardwoods.
Habitat surrounding colony: Cabbage palms and red maples.
Colony area: 2.0 ha
Nesting substrate: Cabbage palms and red maples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977
Great Egret	50	empty	empty
TOTALS	50	0	0


PALM BEACH COUNTY
Scale
0 1 2 3 4 5 6 Kilometers
N
Jupiter
Juno Beach
West Palm Beach
Lake Worth
Delray Beach
Boca Raton
91
710
95
A1A
1
441
619002
619044
619043
619042
Corbett Wildlife Management Area
Loxahatchee National Wildlife Refuge
Everglades Wildlife Management Area
Browns Farm Wildlife Management Area
L-8
98
441
Belle Glade
80
27
South Bay
Lake Okeechobee
L-25
Miami Canal
L-23

COLONY NUMBER: 619002 **COUNTY:** Palm Beach

COLONY NAME: Fisherman's Island **LAT. - LONG.:** 26°40' - 80°03'

TOWNSHIP: 43S **RANGE:** 43E **SECTION:** 34 **1/4 SECTION:**

DESCRIPTION: Colony site: Non-barrier coastal spoil island.
Habitat surrounding colony: Open water.
Colony area: 0.8 ha
Nesting substrate: Mangroves over low ground that may be seasonally flooded.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check July 1976	April 1977	June 1977	June 1978
Anhinga	---	10	---	---	---
Great Blue Heron	---	---	15	---	---
Little Blue Heron	---	10	---	+	+
Cattle Egret	1200	1450	---	500	2000
Great Egret	10	6	25-50	25	100
Snowy Egret	4	---	---	150	+
Egret spp. (Cattle & Snowy)	---	---	1000	---	---
Louisiana Heron	---	10	---	+	+
Black-crowned Night Heron	---	4	---	---	---
White Ibis	---	195	---	500	+
TOTALS	1214	1685	1040-1065	1175+	2100+

COLONY NUMBER: 619042 **COUNTY:** Palm Beach

COLONY NAME: Corbett North **LAT. - LONG.:** 26°56' - 80°25'

TOWNSHIP: 41S **RANGE:** 39E **SECTION:** 2 **1/4 SECTION:**

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Sawgrass.
Colony area: 0.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Cattle Egret	500
TOTALS	500

COLONY NUMBER: 619043 **COUNTY:** Palm Beach

COLONY NAME: Corbett South **LAT. - LONG.:** 26°50' - 80°24'

TOWNSHIP: 42S **RANGE:** 39E **SECTION:** 12 **1/4 SECTION:**

DESCRIPTION: Colony site: Willows with scattered cypress.
Habitat surrounding colony: Sawgrass.
Colony area: 0.6 ha
Nesting substrate: Willows and cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	500
Great Egret	8
White Ibis	+
TOTALS	508+

COLONY NUMBER: 619044 COUNTY: Palm Beach

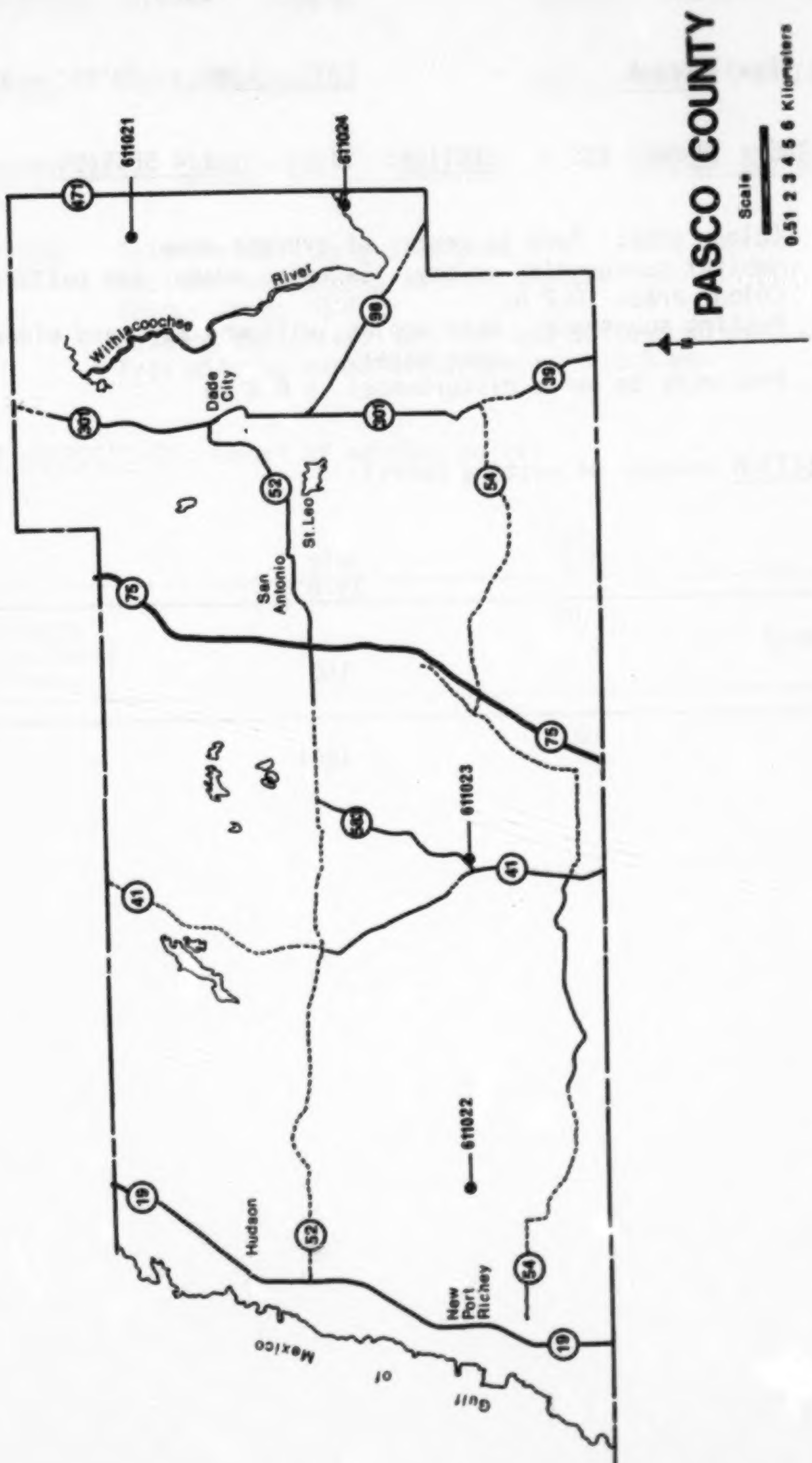
COLONY NAME: Loxahatchee LAT. - LONG.: 26°27' - 80°14'

TOWNSHIP: 46S RANGE: 41E SECTION: 14/23 1/4 SECTION:

DESCRIPTION: Colony site: Willows along levy of water impoundment.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Little Blue Heron	+	+
Cattle Egret	1000	2500
Great Egret	+	+
Snowy Egret	+	+
Louisiana Heron	+	400
White Ibis	3000±	1000
Scarlet Ibis	1	---
TOTALS	4001+	3900+


PASCO COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers
611021
611024
611023
611022
471
Withlacoochee River
98
39
Dade City
301
301
52
St. Leo
San Antonio
54
75
75
581
41
41
19
19
Hudson
52
54
New Port Richey
Gulf of Mexico

COLONY NUMBER: 611021 COUNTY: Pasco

COLONY NAME: Devil Creek LAT. - LONG.: 28°25' - 82°05'

TOWNSHIP: 24S RANGE: 22E SECTION: 11 1/4 SECTION:

DESCRIPTION: Colony site: Pond in center of cypress dome.
Habitat surrounding colony: Cypress, swamp, and pasture.
Colony area: 0.2 ha
Nesting substrate: Pond apples, willows, bays and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	150
TOTALS	150+

COLONY NUMBER: 611022 COUNTY: Pasco

COLONY NAME: Dupree Gardens LAT. - LONG.: 28°14' - 82°39'

TOWNSHIP: 26S RANGE: 17E SECTION: 7 1/4 SECTION: Mid

DESCRIPTION:
Colony site: Island in pond.
Habitat surrounding colony: Pond.
Colony area: 0.4 ha
Nesting substrate: Willows and buttonbush over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	200
Louisiana Heron	+
TOTALS	200+

COLONY NUMBER: 611023 **COUNTY**: Pasco

COLONY NAME: Land of Lakes **LAT. - LONG.**: 28°14' - 82°27'

TOWNSHIP: 26S **RANGE**: 18E **SECTION**: 12 **1/4 SECTION**: NE

DESCRIPTION:
Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

Note: July 1978 - Colony moved to Dupree Gardens, Pasco County.

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Cattle Egret	250	empty	empty
TOTALS	250	0	0

COLONY NUMBER: 611024 **COUNTY:** Pasco

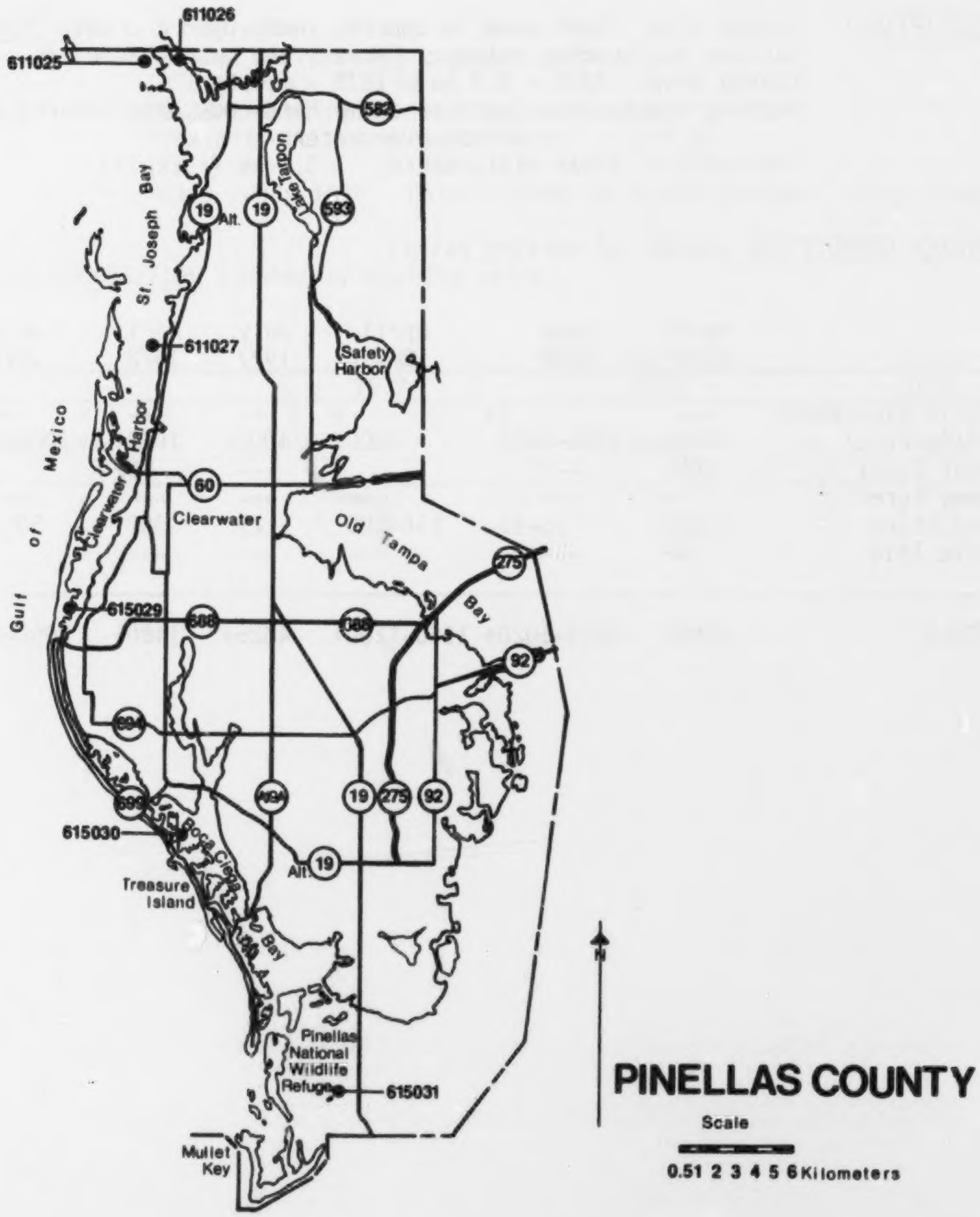
COLONY NAME: Little Gator Creek **LAT. - LONG.:** 28°18' - 82°04'

TOWNSHIP: 25S **RANGE:** 22E **SECTION:** 24 **1/4 SECTION:** SE

DESCRIPTION: Colony site: Open area in cypress swamp over a creek.
Habitat surrounding colony: Cypress and swamp hardwoods.
Colony area: 1976 - 1.2 ha 1978 - 4.0 ha
Nesting substrate: Cypress, swamp hardwoods, and understory shrubs over water.
Proximity to human disturbance: < 0.8 km (rockpit)

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	---	++	+	---	---	---
Cattle Egret	3000±	4000-5000	1000++	4000+	1000+	3000-4000
Great Egret	100±	---	+	---	50±	+
Snowy Egret	+	---	---	---	---	---
Wood Stork	150	15-20	150-200	25	350+	50-75
White Ibis	++	---	---	---	---	+
TOTALS	3250+	4015-5020+	1150-1200+	4025+	1400+	3050-4075+


611026
611025
582
19
19
593
Alt.
Lake Tarpon
St. Joseph Bay
611027
Safety Harbor
Gulf of Mexico
Clearwater Harbor
60
Clearwater
Old Tampa Bay
275
615029
688
688
92
694
699
A19A
19
275
92
615030
Boca Ciega Bay
Treasure Island
Alt.
19
Pinellas National Wildlife Refuge
615031
Mullet Key
N
PINELLAS COUNTY
Scale
0.51 2 3 4 5 6 Kilometers

COLONY NUMBER: 611025 COUNTY: Pinellas

COLONY NAME: Anclote River Spoil LAT. - LONG.: 28°10' - 82°49'

TOWNSHIP: 27S RANGE: 15E SECTION: 4/5 1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.3 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

Note: 1976-77 - 3 islands
1978 - 4 islands
Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	---	+	+	---	---
Double-crested Cormorant	+	+	+	---	---
Great Blue Heron	10	---	---	25	5
Cattle Egret	---	---	---	+	---
Great Egret	150-175	50-75	40+	75	10-15
White Ibis	---	---	---	---	+
TOTALS	160-185+	50-75+	40+	100+	15-20+

COLONY NUMBER: 611026 COUNTY: Pinellas

COLONY NAME: Mouth of the Anclote River (Subcolony 1) LAT. - LONG.: 28°10' - 82°46'

TOWNSHIP: 27S RANGE: 15E SECTION: 2/3 1/4 SECTION: W

DESCRIPTION: Colony site: Spoil island in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: 1976-77 - 1 island
1978 - 2 islands

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Little Blue Heron	50+	---	25+	---
Cattle Egret	1000±	+	300-350	+++
Great Egret	100	150±	---	---
Snowy Egret	---	+	---	+
Egret spp. (Cattle and Snowy)	---	---	---	500-750
Louisiana Heron	+	+	---	+
TOTALS	1150+	150+	325-375+	500-750+

COLONY NUMBER: 611026 **COUNTY**: Pinellas

COLONY NAME: Mouth of the Anclote River (Subcolony 2) **LAT. - LONG.**: 28°10'- 82°46'

TOWNSHIP: 27S **RANGE**: 15E **SECTION**: 2/3 **1/4 SECTION**: W

DESCRIPTION:
Colony site: Spoil island in river.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	+	---
Little Blue Heron	---	+
Cattle Egret	50-100	650-750
Great Egret	150	50
Louisiana Heron	---	+
White Ibis	+	---
TOTALS	200-250+	700-800+

COLONY NUMBER: 611027 COUNTY: Pinellas

COLONY NAME: Sand Keys LAT. - LONG.: 28°02' - 82°48'

TOWNSHIP: 28S RANGE: 15E SECTION: 22 1/4 SECTION:

DESCRIPTION:
Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: 1976 - 1 island
1977-78 - 2 islands
Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	1-5	4-5	---
Cattle Egret	50	---	150*	---	---
Great Egret	15	25-50	50+	3-4	10-15
Snowy Egret	---	---	---	---	+
White Ibis	---	250	150-200	---	15-20
TOTALS	65	275-300	201-255 150*	7-9	25-35+

*non-nesting individuals

COLONY NUMBER: 615029 **COUNTY**: Pinellas

COLONY NAME: Indian Rocks Beach **LAT. - LONG**: 27°54' - 82°50'

TOWNSHIP: 30S **RANGE**: 15E **SECTION**: 6 **1/4 SECTION**:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	30	30-35	15-20	45	25
Little Blue Heron	---	+*	---	---	---
Great Egret	25	30-40	40-50	50-60	25
Snowy Egret	---	---	+	---	+
Louisiana Heron	---	+	---	---	---
TOTALS	55	60-75+ +*	55-70+	95-105	50+

*uncertain if nesting

COLONY NUMBER: 615030 COUNTY: Pinellas

COLONY NAME: John's Pass LAT. - LONG: 27°48' - 82°47'
(Subcolony 1 - Crab Key)

TOWNSHIP: 31S RANGE: 15E SECTION: Crab Key 1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.3 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: April 1976 - 1 island
June 1976, 1977, 1978 - 2 islands (Crab Key and small key to south)
Subcolonies were censused separately for all surveys except April 1978.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	(2 islands) April 1978	July 1978
Brown Pelican	+	---	---	---	---
Great Blue Heron	25	5+	50-75	90-100	10-20+
Cattle Egret	---	---	100-150	150	150+
Great Egret	300	---	---	100	+
Snowy Egret	---	+	---	---	+
TOTALS	325+	5+	150-225	340-350	160-170+

COLONY NUMBER: 615030 **COUNTY**: Pinellas

COLONY NAME: John's Pass (Subcolony 2) **LAT. - LONG**: 27°47' - 82°46'

TOWNSHIP: 31S **RANGE**: 15E **SECTION**: Small key adjacent to Crab Key **1/4 SECTION**:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	See Subcolony 1.	+
Great Egret	75-100	150-200		---
Snowy Egret	++	---		---
TOTALS	75-100+	150-200		+

COLONY NUMBER: 615031 **COUNTY**: Pinellas

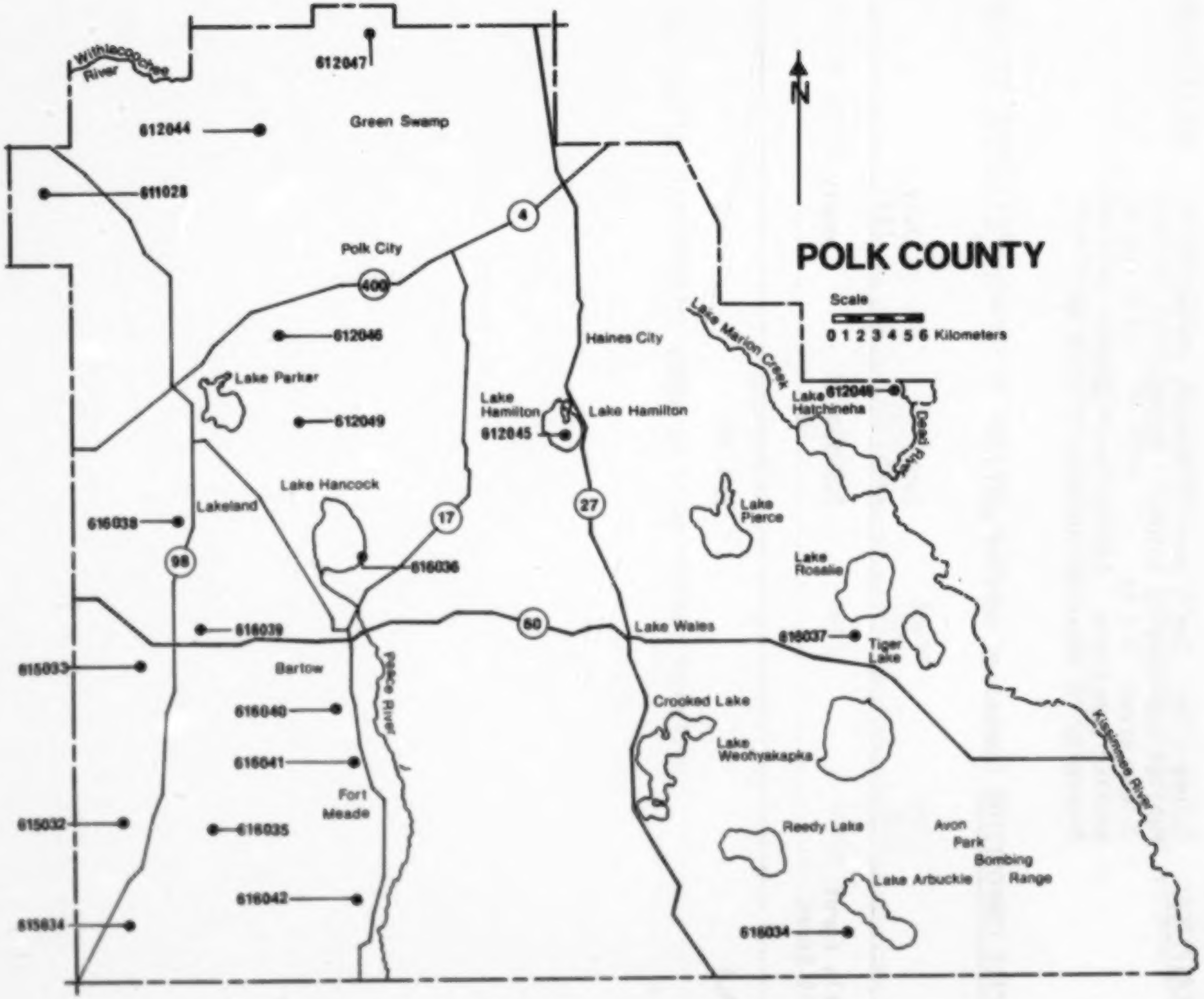
COLONY NAME: Tarpon Key **LAT. - LONG**: 27°40' - 82°41'

TOWNSHIP: 32S **RANGE**: 16E **SECTION**: Tarpon Key **1/4 SECTION**:

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	---	---
Great Blue Heron	100+	5-10	100	100	30+
Great Egret	10-15	75	25+	75-100	50-75
Yellow-crowned Night Heron	---	---	---	1	---
White Ibis	---	+	250	---	---
TOTALS	110-115+	80-85+	375+	176-201	80-105+


POLK COUNTY
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Green Swamp
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611028
Polk City
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400
612046
Lake Parker
612049
Lake Hancock
Lakeland
616038
98
616036
17
Haines City
Lake Hamilton
Lake Hamilton
612045
27
Lake Marion Creek
Lake Hatchineha
612048
Dead River
Lake Pierce
Lake Rosalie
60
Lake Wales
616037
Tiger Lake
616039
615033
Bartow
Peace River
616040
616041
Fort Meade
615032
616035
616042
615034
Crooked Lake
Lake Weohyakapka
Reedy Lake
Avon Park Bombing Range
Lake Arbuckle
616034
Kissimmee River

COLONY NUMBER: 611028 **COUNTY**: Polk

COLONY NAME: East of Zephyrhills **LAT. - LONG.**: 28°14' - 82°05'

TOWNSHIP: 26S **RANGE**: 22E **SECTION**: 14 **1/4 SECTION**:

DESCRIPTION:
Colony site: Small pond in cypress strand.
Habitat surrounding colony: Cypress.
Colony area: 0.1 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977
Cattle Egret	200-300	empty
Great Egret	50	
TOTALS	250-350	0

COLONY NUMBER: 612044 **COUNTY**: Polk

COLONY NAME: Grass Creek **LAT. - LONG**: 28°16' - 81°54'

TOWNSHIP: 25S **RANGE**: 24E **SECTION**: 34 **1/4 SECTION**: NW

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh and pasture.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: No data.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1978	July 1978
Cattle Egret	500-1000+*	empty	empty
TOTALS	500-1000+*	0	0

*non-nesting individuals; appeared to be rookery formation

COLONY NUMBER: 612045 **COUNTY:** Polk

COLONY NAME: Lake Hamilton **LAT. - LONG:** 28°03 - 81°39'

TOWNSHIP: 28S **RANGE:** 27E **SECTION:** 18 **1/4 SECTION:** SE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Herbaceous vegetation.
Colony area: 1976 - 0.7 ha 1978 - 1.8 ha
Nesting substrate: Willows and swamp shrubs on high ground in 1976 and over water in 1978.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	+	5-10	+
Little Blue Heron	---	++	---	++	+
Cattle Egret	1000±	4000	2500-3500	2000	2500
Great Egret	300	100±	50+	150+	+
Snowy Egret	---	++	---	---	---
Louisiana Heron	---	++	+	+	+
Glossy Ibis	++	+++	+	+	50+
White Ibis	500+	200+	1500++	1000	200-300
TOTALS	1800+	4300+	4050-5050+	3155-3160+	2750-2850+

COLONY NUMBER: 612046 **COUNTY**: Polk

COLONY NAME: Northeast of Lakeland **LAT. - LONG**: 28°07' - 81°53'

TOWNSHIP: 27S **RANGE**: 24E **SECTION**: 23 **1/4 SECTION**:

DESCRIPTION: Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Willows.
Colony area: 1.8 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Great Blue Heron	---	empty	25	---
Little Blue Heron	---		+++	---
Cattle Egret	4000		3000++	3000
Great Egret	100-150		100-150	---
Snowy Egret	++		---	---
White Ibis	---		200-300	+
TOTALS	4100-4150+	0	3325-3475+	3000+

COLONY NUMBER: 612047 **COUNTY**: Polk

COLONY NAME: Rattlesnake Ridge **LAT. - LONG**: 28°20' - 81°49'

TOWNSHIP: 25S **RANGE**: 25E **SECTION**: 4 **1/4 SECTION**:

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Dead and dying shrubs under sparse cypress.
Colony area: 0.8 ha
Nesting substrate: Dead and dying shrubs under sparse cypress, partially over water and partially over dry mud.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	50+	empty	empty	empty	empty
Cattle Egret	1200+				
TOTALS	1250+	0	0	0	0

COLONY NUMBER: 612048 **COUNTY:** Polk

COLONY NAME: Reedy Creek **LAT. - LONG:** 28°05' - 81°23'

TOWNSHIP: 28S **RANGE:** 29E **SECTION:** 1 **1/4 SECTION:** N mid

DESCRIPTION: Colony site: Island in creek.
Habitat surrounding colony: Cypress along a creek and prairie pasture.
Colony area: 1.0 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1977	June 1977	April 1978	June 1978
Wood Stork	250	300+	275	200
TOTALS	250	300+	275	200

COLONY NUMBER: 612049 **COUNTY**: Polk

COLONY NAME: Saddle Creek **LAT. - LONG**: 28°03' - 81°52'

TOWNSHIP: 28S **RANGE**: 24E **SECTION**: 12/13 **1/4 SECTION**: SW/NW

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress and hardwood swamp.
Colony area: No data.
Nesting substrate: Dead and live cypress at a seasonally flooded site (dry in 1976; wet in 1978).
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	July 1978
Great Blue Heron	50	55+	90	empty
TOTALS	50	55+	90	0

COLONY NUMBER: 615032 **COUNTY**: Polk

COLONY NAME: Brewster **LAT. - LONG**: 27°45' - 82°01'

TOWNSHIP: 31S **RANGE**: 23E **SECTION**: 28 **1/4 SECTION**: SE

DESCRIPTION:
Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Water and phosphate mines.
Colony area: 1976 - 0.8 ha, 1977 - 2.0 ha, 1978 - 1.7 ha
Nesting substrate: Dead cypress and willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check May 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	++	55+	---	+	---
Anhinga	++	---	---	---	---
Great Blue Heron	---	+	---	25	---
Little Blue Heron	---	35	---	---	---
Cattle Egret	1500+	850	+	---	---
Great Egret	150-200	60	---	50	25-30
Snowy Egret	100+	170	---	---	---
Louisiana Heron	+	30	---	---	---
Wood Stork	---	250++(April)	250±	100+	100
TOTALS	1750-1800+	1450+ (including the Wood Storks counted in April)	250+	175+	125-130

COLONY NUMBER: 615033 **COUNTY:** Polk

COLONY NAME: Mulberry Sludge **LAT. - LONG:** 27°53' - 82°00'

TOWNSHIP: 30S **RANGE:** 23E **SECTION:** 10 **1/4 SECTION:** SE

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Dead trees.
Colony area: 2.2 ha
Nesting substrate: Dead trees over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	+	empty	empty	empty
Anhinga	---	+			
Great Blue Heron	---	25			
Cattle Egret	---	100-150			
Great Egret	25-50+	150			
Wood Stork	450-500	50-100			
TOTALS	475-550+	325-425+	0	0	0

COLONY NUMBER: 615034 COUNTY: Polk

COLONY NAME: Payne Creek LAT.- LONG: 27°41' - 82°01'

TOWNSHIP: 32S RANGE: 23E SECTION: 21 1/4 SECTION: NW

DESCRIPTION:
Colony site: Water impoundment.
Habitat surrounding colony: Dead trees.
Colony area: 1976 - 1.4 ha 1978 - 0.8 ha
Nesting substrate: Dead trees over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Double-crested Cormorant	300-400	200+	empty	200+
Great Blue Heron	---	---		10-15
Cattle Egret	---	400+		---
Great Egret	10	50-75		---
Wood Stork	4	---		---
TOTALS	314-414	650-675+	0	210-215+

COLONY NUMBER: 616034 **COUNTY**: Polk

COLONY NAME: Bonnet Creek **LAT. - LONG**: 27°41' - 81°25'

TOWNSHIP: 32S **RANGE**: 29E **SECTION**: 21 **1/4 SECTION**:

DESCRIPTION:
Colony site: Island in a creek.
Habitat surrounding colony: Pine plantation.
Colony area: 0.4 ha
Nesting substrate: Bays over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Cattle Egret	1000
TOTALS	1000

COLONY NUMBER: 616035

COUNTY: Polk

COLONY NAME: East of Brewster

LAT. - LONG: 27°45' - 81°57'

TOWNSHIP: 31S RANGE: 24E SECTION: 30 1/4 SECTION: SW

DESCRIPTION:
Colony site: Series of small islands in water impoundment.
Habitat surrounding colony: Small dead trees and wax myrtle.
Colony area: 1.2 ha
Nesting substrate: Small dead trees and wax myrtle.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	10-15	---
Cattle Egret	---	+
Great Egret	200	100
Snowy Egret	25-50	---
TOTALS	235-265	100+

COLONY NUMBER: 616036 **COUNTY**: Polk

COLONY NAME: Lake Hancock **LAT. - LONG**: 27°57' - 81°49'

TOWNSHIP: 29S **RANGE**: 25E **SECTION**: 16 **1/4 SECTION**: SW

DESCRIPTION: Colony site: Cypress along lake edge.
Habitat surrounding colony: Cypress strand, lake, and willow marsh.
Colony area: No data.
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978
Great Blue Heron	20	8	45
TOTALS	20	8	45

COLONY NUMBER: 616037 **COUNTY:** Polk

COLONY NAME: Lake Rosalie **LAT. - LONG:** 27°54' - 81°25'

TOWNSHIP: 30S **RANGE:** 29E **SECTION:** 3 **1/4 SECTION:** SW

DESCRIPTION: Colony site: Cypress along a creek.
Habitat surrounding colony: Swamp hardwoods.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	June 1978
Great Egret	3-4	40
TOTALS	3-4	40

COLONY NUMBER: 616038 **COUNTY**: Polk

COLONY NAME: Lakeland Airport **LAT. - LONG**: 27°59' - 81°58'

TOWNSHIP: 29S **RANGE**: 23E **SECTION**: 1 **1/4 SECTION**: NW

DESCRIPTION:
Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Willows and hardwoods.
Colony area: 1976 - 1.2 ha 1978 - 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Double-crested Cormorant	+	---	---	---
Anhinga	+	---	---	---
Cattle Egret	3000-3500	1000-1500	500+	1000
Great Egret	+	---	---	---
TOTALS	3000-3500+	1000-1500	500+	1000

COLONY NUMBER: 616039 **COUNTY:** Polk

COLONY NAME: Northeast of Mulberry
(Subcolony 1)

LAT. - LONG: 27°54' - 81°57'

TOWNSHIP: 30S **RANGE:** 24E **SECTION:** 6 **1/4 SECTION:** N mid

DESCRIPTION: Colony site: Three islands in phosphate mine water impoundment.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Hardwoods, pines and vine-covered shrubs over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	500+	---	200+	---
Great Blue Heron	25+	---	10-20	---
Great Egret	100+	---	100-150	25-30
Wood Stork	150+	75	175	100
TOTALS	775+	75	485-545+	125-130

COLONY NUMBER: 616039 **COUNTY:** Polk

COLONY NAME: Northeast of Mulberry (Subcolony 2) **LAT. - LONG:** 27°54' - 81°57'

TOWNSHIP: 30S **RANGE:** 24E **SECTION:** 6 **1/4 SECTION:** N mid

DESCRIPTION:
Colony site: Island in phosphate mine water impoundment.
Habitat surrounding colony: Willows and wax myrtle.
Colony area: 1977 - 1.0 ha 1978 - 0.3 ha
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	---	---	+	+
Cattle Egret	500-1000	500±	150	100
Louisiana Heron	---	+	+	---
TOTALS	500-1000	500+	150+	100+

COLONY NUMBER: 616040 **COUNTY**: Polk

COLONY NAME: South of Bartow **LAT. - LONG**: 27°51' - 81°51'

TOWNSHIP: 30S **RANGE**: 25E **SECTION**: 30 **1/4 SECTION**: NE

DESCRIPTION: Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Willows, wax myrtle, and cattails.
Colony area: 1.6 ha
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Anhinga	+	empty	empty	empty
Great Blue Heron	+			
Cattle Egret	2000			
Great Egret	150			
Snowy Egret	++			
Louisiana Heron	+			
TOTALS	2150+	0	0	0

COLONY NUMBER: 616041 **COUNTY**: Polk

COLONY NAME: Southwest of Homeland **LAT. - LONG**: 27°48' - 81°50'

TOWNSHIP: 31S **RANGE**: 25E **SECTION**: 5 **1/4 SECTION**: SW

DESCRIPTION:
Colony site: Water impoundment.
Habitat surrounding colony: Willows and marsh.
Colony area: 1977 - 4.0 ha 1978 - 5.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	July 1978
Anhinga	+	---	---
Little Blue Heron	---	+	+
Cattle Egret	3000-4000	5000+	400
Great Egret	+	50	---
Snowy Egret	+	---	---
Louisiana Heron	+	++	---
Glossy Ibis	+	+	---
TOTALS	3000-4000+	5050+	400+

COLONY NUMBER: 616042 COUNTY: Polk

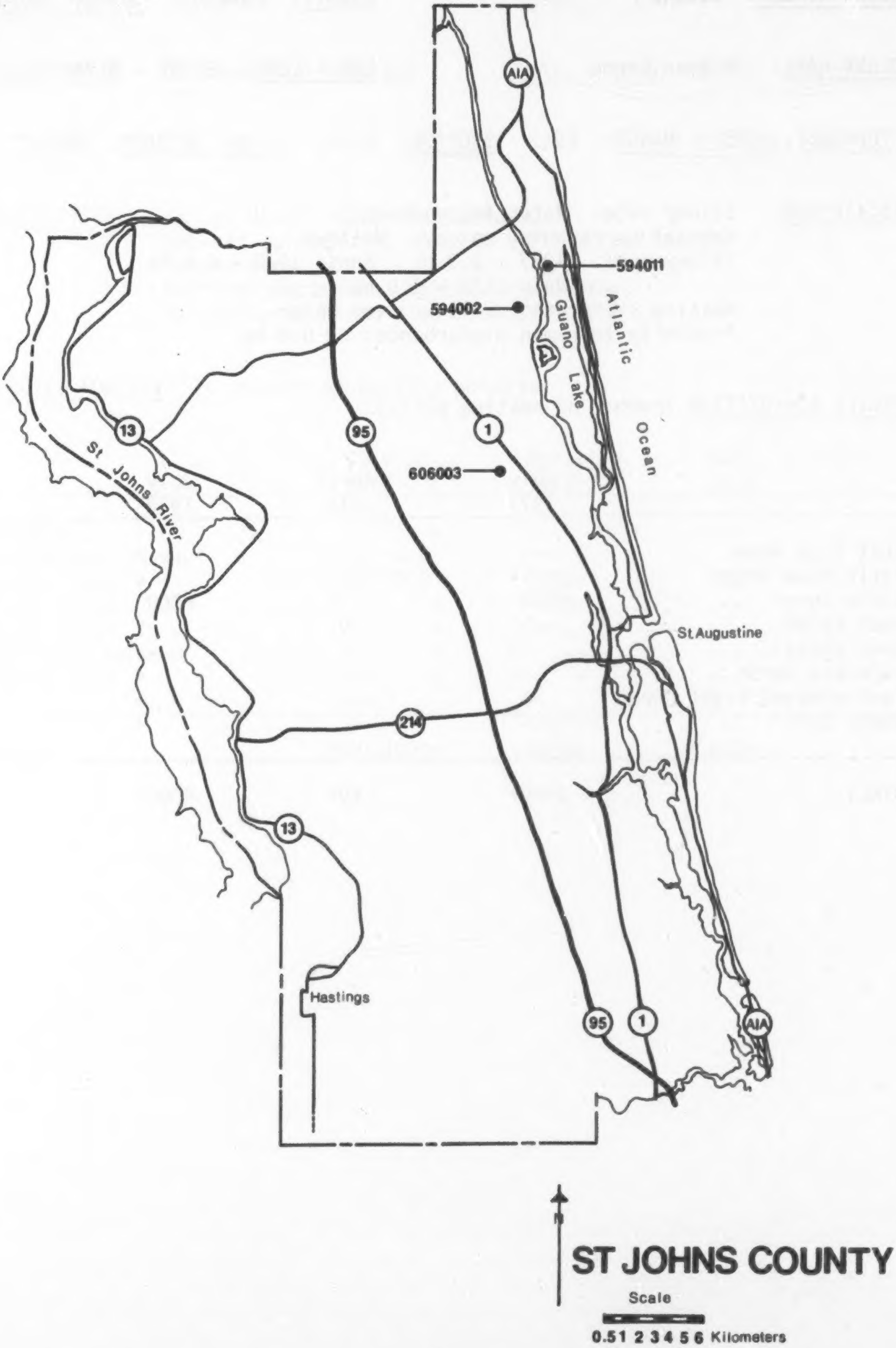
COLONY NAME: Widden Creek LAT.- LONG: 27°42 - 81°49'

TOWNSHIP: 32S RANGE: 25E SECTION: 9 1/4 SECTION: SW

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Willows.
Colony area: 1977 - 1.8 ha April 1978 - 0.6 ha
July 1978 - 6.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	July 1978
Great Blue Heron	---	---	+
Little Blue Heron	++	---	+
Cattle Egret	3000	+	8000
Great Egret	---	40	+
Snowy Egret	+	---	---
Louisiana Heron	++	---	+
Black-crowned Night Heron	---	---	+
Glossy Ibis	---	---	+
TOTALS	3000+	40+	8000+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St Augustine
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13
Hastings
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ST JOHNS COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 594002 COUNTY: St. Johns

COLONY NAME: Cabbage Swamp LAT. - LONG.: 30°05' - 81°23'

TOWNSHIP: 5S RANGE: 29E SECTION: 39 1/4 SECTION: S

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Great Blue Heron	---	6	20	empty
Great Egret	---	10	---	
Wood Stork	45	30	---	
TOTALS	45	46	20	0

COLONY NUMBER: 594011 COUNTY: St. Johns

COLONY NAME: Tolomato LAT. - LONG.: 30°07' - 81°22'

TOWNSHIP: 4S RANGE: 29E SECTION: 35 1/4 SECTION:

DESCRIPTION: Colony site: Cypress ring.
Habitat surrounding colony: Pines and palmetto.
Colony area: 1.6 ha
Nesting substrate: Cypress and bushes over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978	August 1978
Cattle Egret	300-500	40
Great Egret	25-35	12
Wood Stork	25	8
TOTALS	350-560	60

COLONY NUMBER: 606003 **COUNTY:** St. Johns

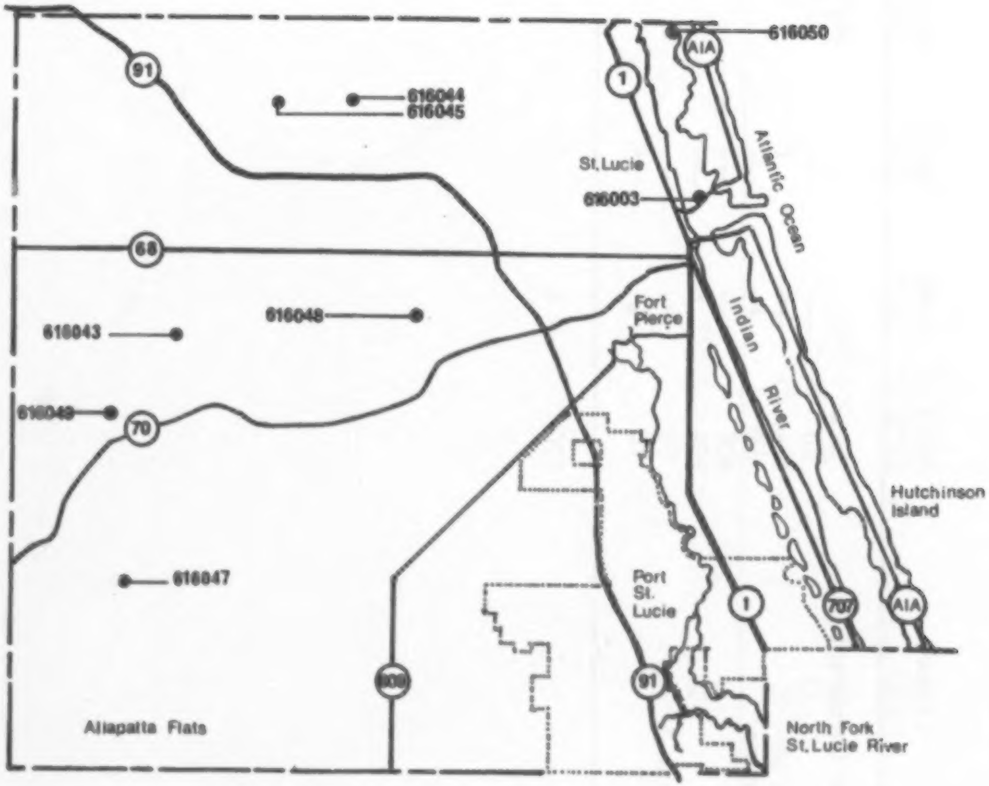
COLONY NAME: St. Marks Pond Swamp **LAT. - LONG.:** 30°00' - 81°24'

TOWNSHIP: 6S **RANGE:** 29E **SECTION:** 8/9 **1/4 SECTION:**

DESCRIPTION:
Colony site: Willow pond.
Habitat surrounding colony: Swamp.
Colony area: No data.
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Double-crested Cormorant	50	---	---	empty
Anhinga	50	---	---	
Great Blue Heron	---	---	2	
Little Blue Heron	50	---	---	
Cattle Egret	400	---	---	
Great Egret	100	6	---	
Louisiana Heron	50	---	---	
White Ibis	70	---	---	
TOTALS	770	6	2	0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70
Hutchinson Island
616047
Port St. Lucie
1
707
A1A
809
91
Allapatta Flats
North Fork St. Lucie River
N

ST. LUCIE COUNTY

Scale
0 .5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 616003 COUNTY: St. Lucie

COLONY NAME: Fort Pierce Spoil LAT. - LONG: 27°28' - 80°19'

TOWNSHIP: 34S RANGE: 40E SECTION: 34 1/4 SECTION:

DESCRIPTION: Colony site: Four spoil islands.
Habitat surrounding colony: Open water.
Colony area: 1976 - 2.0 ha 1977 - 2.8 ha
Nesting substrate: Mangroves and Schinus over water.
Proximity to human disturbance: <0.8 km

Note: Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	Ground check April 1977	July 1977	April 1978	June 1978
Brown Pelican	147	75	200	150+	250	150+
Double-crested Cormorant	95	50	+	+	+	+
Anhinga	10	25	+	---	---	---
Great Blue Heron	---	10	50	---	30+	50
Little Blue Heron	---	---	50	---	---	---
Cattle Egret	805	1220	500	1000	---	1000
Great Egret	90	63	150	200	250	200
Snowy Egret	454	790	500	+	250	250
Louisiana Heron	468	605	500	250	150	500
Black-crowned Night Heron	13	20	---	10	---	---
Yellow-crowned Night Heron	3	---	---	---	---	---
White Ibis	350	435	100	1000	50	500
TOTALS	2435	3293	2050+	2610+	980+	2650+

COLONY NUMBER: 616043 COUNTY: St. Lucie

COLONY NAME: Adams Ranch Reservoir LAT. - LONG: 27°25' - 80°36'

TOWNSHIP: 35S RANGE: 37E SECTION: 24 1/4 SECTION: SW

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Impounded fresnwater marsh.
Colony area: 1.6 ha
Nesting substrate: Dead willows and wax myrtle.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check July 1978
Anhinga	25
Little Blue Heron	30
Cattle Egret	200
Great Egret	30
TOTALS	285

COLONY NUMBER: 616044 COUNTY: St. Lucie

COLONY NAME: Bel-Air LAT. - LONG: 27°31' - 80°31'

TOWNSHIP: 34S RANGE: 38E SECTION: 14/15 1/4 SECTION:

DESCRIPTION: Colony site: Cypress and swamp hardwoods in a water impoundment.
Habitat surrounding colony: Cypress, marsh grass, and water.
Colony area: 1976 - 8.0 ha 1977 - 2.0 ha
Nesting substrate: Swamp hardwoods, cypress, and pond apples over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	June 1978
Little Blue Heron	---	---	---	50	---	---
Cattle Egret	---	500+	---	500	---	5000
Great Egret	250	50	100+	50	250	100
Snowy Egret	---	25	---	---	100	150+
Egret spp. (Cattle & Snowy)	---	---	100+	---	---	---
Louisiana Heron	---	25	---	---	---	50
TOTALS	250	600+	200+	600	350	5300+

COLONY NUMBER: 616045 **COUNTY**: St. Lucie

COLONY NAME: Coca Cola (Cloud Lake) **LAT. - LONG**: 27°31' - 80°32'

TOWNSHIP: 34S **RANGE**: 38E **SECTION**: 16 **1/4 SECTION**: N

DESCRIPTION: Colony site: Cypress and swamp hardwoods in a water impoundment
Habitat surrounding colony: Cypress and marsh grass.
Colony area: 1976 - 1.2 ha 1977 - 2.0 ha
Nesting substrate: Swamp hardwoods, cypress and pond apples over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	June 1978
Anhinga	---	---	---	25	---	---
Cattle Egret	---	200	---	500	---	300+
Great Egret	75	100	150	100	50	25
Egret spp. (Cattle & Snowy)	---	---	100+	---	---	---
TOTALS	75	300	250+	625	50	325+

COLONY NUMBER: 616046 **COUNTY:** St. Lucie

COLONY NAME: Cowcreek Ranch **LAT. - LONG:** Location unknown.

TOWNSHIP: **RANGE:** **SECTION:** **1/4 SECTION:**

DESCRIPTION:
Colony site: Island in a seasonal pond.
Habitat surrounding colony: Pine flatwoods.
Colony area: < 0.4 ha
Nesting substrate: Willows, cypress, elderberry and *Baccharis* over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	June 1977	May 1978	June 1978
Cattle Egret	1500	empty	empty	empty	empty
Great Egret	250				
TOTALS	1750	0	0	0	0

COLONY NUMBER: 616047 **COUNTY**: St. Lucie

COLONY NAME: Cypress Creek (Subcolony 1) **LAT. - LONG**: 27°17' - 80°37'

TOWNSHIP: 37S **RANGE**: 37E **SECTION**: 3 **1/4 SECTION**: N

DESCRIPTION: Colony site: Cypress dome in water impoundment.
Habitat surrounding colony: Cabbage palm hammock and marsh.
Colony area: 2.2 ha
Nesting substrate: Live and dead cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	April 1977	June 1977	May 1978	June 1978
Great Egret	---	50	---	---	---
Wood Stork	40	150-200	300	250	75
TOTALS	40	200-250	300	250	75

COLONY NUMBER: 616047 **COUNTY:** St. Lucie

COLONY NAME: Cypress Creek (Subcolony 2) **LAT. - LONG:** 27°17' - 80°37'

TOWNSHIP: 37S **RANGE:** 37E **SECTION:** 2 **1/4 SECTION:** W

DESCRIPTION:
Colony site: Shrubs and trees lining flooded ditches.
Habitat surrounding colony: Marsh.
Colony area: 1976 - 0.2 ha 1977 - 4.0 ha
Nesting substrate: Willows, maples, wax myrtle, and elderberry over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Anhinga	+	50	---	---	---	25
Little Blue Heron	50	75	50	100	+	+
Cattle Egret	500	2500	250+	2000	1500	1500
Great Egret	---	125	---	---	10	---
Snowy Egret	---	75	250+	---	500	---
Louisiana Heron	---	---	---	---	+	50
White Ibis	---	1250	---	---	---	---
TOTALS	550+	4075	550+	2100	2010+	1575+

COLONY NUMBER: 616048 **COUNTY:** St. Lucie

COLONY NAME: Nelson - 20 **LAT. - LONG:** 27°25' - 80°28'

TOWNSHIP: 35S **RANGE:** 39E **SECTION:** 17/19 **1/4 SECTION:**

DESCRIPTION: Colony site: Swamp pond.
Habitat surrounding colony: Pine flatwoods.
Colony area: 0.2 ha
Nesting substrate: Swamp hardwoods.
Proximity to human disturbance: < 0.8 km

Note: I-95 built through area by June 1977.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	June 1977
Cattle Egret	150	empty
White Ibis	25	
TOTALS	175	0

COLONY NUMBER: 616049 COUNTY: St. Lucie

COLONY NAME: Okeechobee Road LAT. - LONG: 27°22' - 80°38'

TOWNSHIP: 36S RANGE: 37E SECTION: 3/4 1/4 SECTION:

DESCRIPTION: Colony site: Cypress in a water impoundment.
Habitat surrounding colony: Cypress and sawgrass marsh.
Colony area: 0.8 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	July 1978
Great Egret	15	empty
Wood Stork	20	
TOTALS	35	0

COLONY NUMBER: 616050 **COUNTY**: St. Lucie

COLONY NAME: Round Island Spoil **LAT. - LONG**: 27°33' - 80°20'

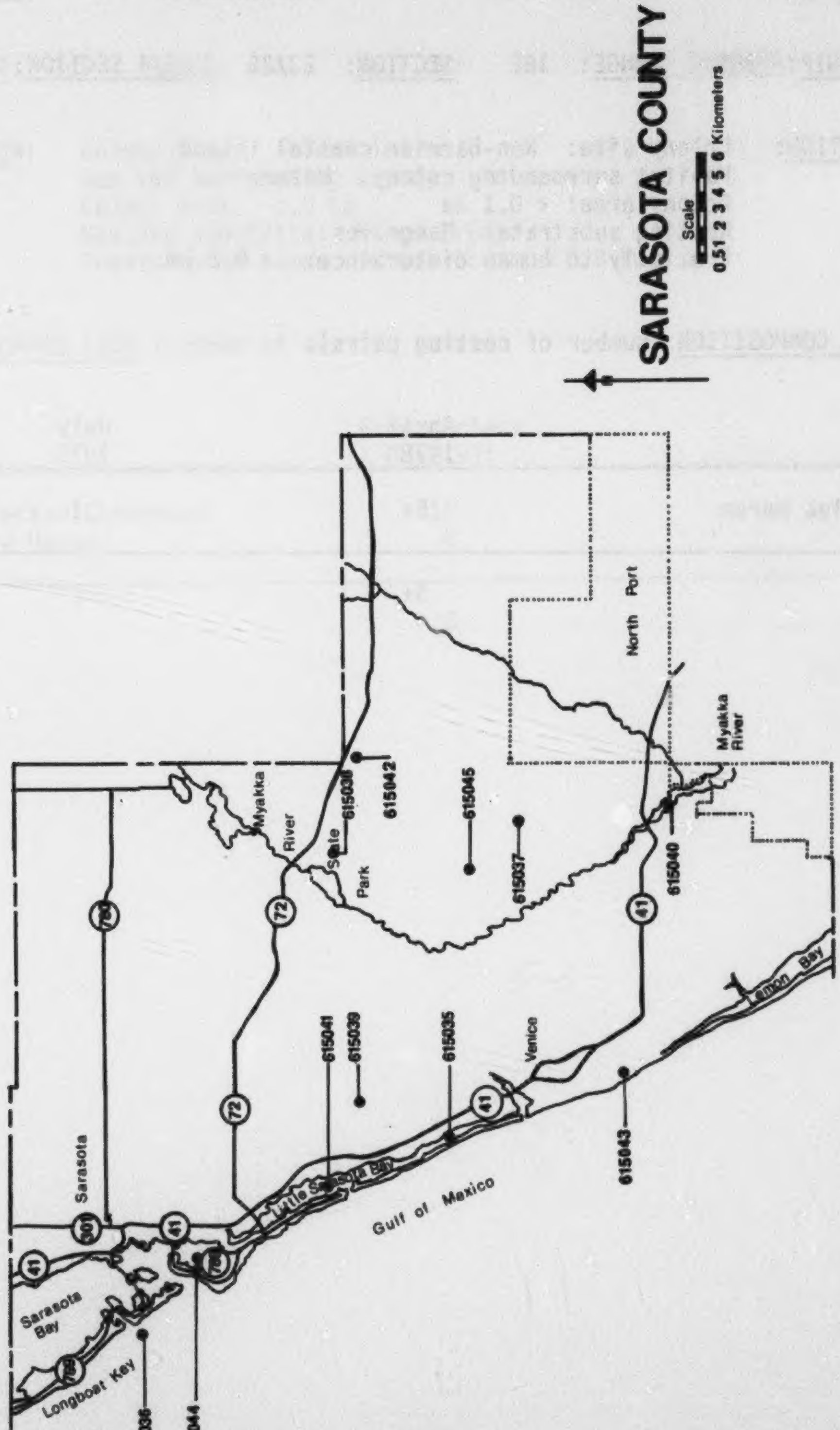
TOWNSHIP: 34S **RANGE**: 40E **SECTION**: 4 **1/4 SECTION**: NE

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Mangroves and water.
Colony area: 0.1 ha
Nesting substrate: Mangroves over high ground that is rarely flooded.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	June 1977	April 1978	July 1978
Brown Pelican	---	empty	+*	empty	empty	empty
Great Blue Heron	4		6			
TOTALS	4	0	6 +*	0	0	0

*uncertain if nesting


SARASOTA COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers
North Port
Myakka River
Myakka River
State Park
72
72
780
780
41
41
41
41
301
Sarasota
Sarasota Bay
Longboat Key
Little Sarasota Bay
Gulf of Mexico
Venice
Lemon Bay
615036
615044
615041
615039
615035
615043
615038
615042
615045
615037
615040

COLONY NUMBER: 615035 **COUNTY:** Sarasota

COLONY NAME: Blackburn Bay **LAT. - LONG:** 27°09' - 82°29'

TOWNSHIP: 38S **RANGE:** 18E **SECTION:** 23/26 **1/4 SECTION:** S/N

DESCRIPTION:
Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: < 0.1 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	5+	1
TOTALS	5+	1

COLONY NUMBER: 615036 COUNTY: Sarasota

COLONY NAME: City Island LAT. - LONG: 27°19' - 82°36'

TOWNSHIP: 36S RANGE: 17E SECTION: 1/4 SECTION:

DESCRIPTION: Colony site: Inland island.
Habitat surrounding colony: No data.
Colony area: 1.0 ha
Nesting substrate: Mixed trees.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976
Double-crested Cormorant	10
Great Blue Heron	8
TOTALS	18

COLONY NUMBER: 615037 **COUNTY**: Sarasota

COLONY NAME: East of Manhatten Farms **LAT. - LONG**: 27°07' - 82°18'

TOWNSHIP: 39S **RANGE**: 20E **SECTION**: 3 **1/4 SECTION**:

DESCRIPTION: Colony site: Willow island in pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Anhinga	+	---
Great Blue Heron	3-4	---
Cattle Egret	---	50
Great Egret	30	---
TOTALS	33+	50

COLONY NUMBER: 615038 **COUNTY:** Sarasota

COLONY NAME: Lower Myakka Lake **LAT. - LONG:** 27°13' - 82°19'

TOWNSHIP: 37S **RANGE:** 20E **SECTION:** 33 **1/4 SECTION:** S mid

DESCRIPTION:
Colony site: Willow pond.
Habitat surrounding colony: Willows and hardwoods
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978
Cattle Egret	75-100	empty	empty
Great Egret	25		
TOTALS	100-125	0	0

COLONY NUMBER: 615039 **COUNTY**: Sarasota

COLONY NAME: Nokomis **LAT. - LONG**: 27°12' - 82°27'

TOWNSHIP: 38S **RANGE**: 18E **SECTION**: 1 **1/4 SECTION**: NE

DESCRIPTION: Colony site: Marshy impoundment.
Habitat surrounding colony: Marshy ponds and buildings
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Cattle Egret	30-40
TOTALS	30-40

COLONY NUMBER: 615040 **COUNTY**: Sarasota

COLONY NAME: North Port Charlotte **LAT. - LONG**: 27°02' - 82°17'

TOWNSHIP: 39S **RANGE**: 20E **SECTION**: 35 **1/4 SECTION**:

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Anhinga	+	---	---	---	---
Great Blue Heron	1	---	+	5	---
Cattle Egret	100	300-500	++	50+	300+
Great Egret	---	50-100	150+	200	50
Snowy Egret	200	200+	50++	50+	25+
Louisiana Heron	+	+	++	---	+
Yellow-crowned Night Heron	---	---	---	---	+
TOTALS	301+	550-800+	200+	305+	375+

COLONY NUMBER: 615041 **COUNTY:** Sarasota

COLONY NAME: Osprey **LAT. - LONG:** 27°13' - 82°31'

TOWNSHIP: 37S **RANGE:** 18E **SECTION:** 33 **1/4 SECTION:** N

DESCRIPTION: Colony site: Two non-barrier coastal islands (one spoil).
Habitat surrounding colony: Water.
Colony area: 0.3 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

Note: Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	75-100	+	++	50	---
Double-crested Cormorant	+	---	++	---	---
Great Blue Heron	---	---	---	+	+
Cattle Egret	---	---	---	50	+
Great Egret	80	50-75	150±	100-150	100
Snowy Egret	---	---	++	---	100+
TOTALS	155-180+	50-75+	150+	200-250+	200+

COLONY NUMBER: 615042

COUNTY: Sarasota

COLONY NAME: Powerline

LAT. - LONG: 27°12' - 82°15'

TOWNSHIP: 38S **RANGE:** 21E **SECTION:** 6 **1/4 SECTION:** Mid

DESCRIPTION:
Colony site: Buttonbush in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Little Blue Heron	25+
Cattle Egret	150
TOTALS	175+

COLONY NUMBER: 615043 COUNTY: Sarasota

COLONY NAME: Red Lake LAT. - LONG: 27°03' - 82°27'

TOWNSHIP: 39S RANGE: 19E SECTION: 30 1/4 SECTION: NW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: <0.1 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	++	+	++	empty (birds were nesting here in March)	empty
Double-crested Cormorant	+	---	+		
Cattle Egret	5-10*	50-100	---		
Great Egret	75	50±	150±		
Snowy Egret	+**	---	+		
TOTALS	75+ 5-10* +**	100-150+	150+	0	0

*non-nesting individuals

**uncertain if nesting

COLONY NUMBER: 615044 **COUNTY:** Sarasota

COLONY NAME: Robert's Bay **LAT. - LONG:** 27°17' - 82°33'

TOWNSHIP: 37S **RANGE:** 17E **SECTION:** 1 **1/4 SECTION:**

DESCRIPTION:
Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	+
Great Blue Heron	---	3-5	15	20
Cattle Egret	---	---	+	---
Great Egret	---	---	10-15	100+
Snowy Egret	---	---	---	100
Egret spp. (Cattle, Great & Snowy)	300-500	---	---	---
TOTALS	300-500+	3-5	25-30+	220+

COLONY NUMBER: 615045 **COUNTY**: Sarasota

COLONY NAME: Southeast of Shineytown **LAT. - LONG**: 27°09' - 82°19'

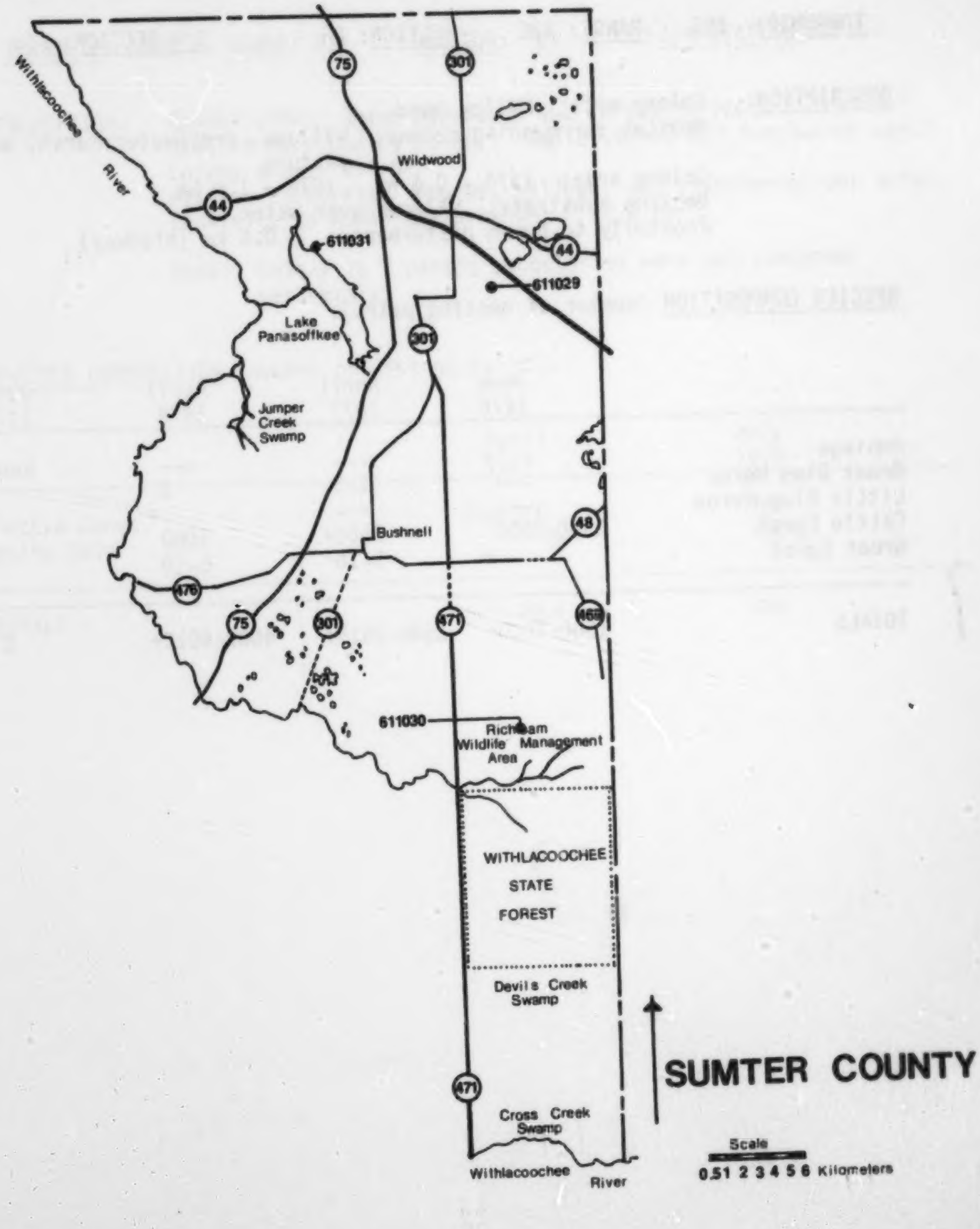
TOWNSHIP: 38S **RANGE**: 20E **SECTION**: 28/29 **1/4 SECTION**:

DESCRIPTION:

Colony site: Willows in marshy pond.
Habitat surrounding colony: Marshy pond and freshwater marsh.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue heron	+
Cattle Egret	300+
Louisiana Heron	+
TOTALS	300+


Withlacoochee River
75
301
Wildwood
44
44
611031
611029
Lake Panasoffkee
301
Jumper Creek Swamp
Bushnell
48
476
75
301
471
469
611030
Richloam Wildlife Management Area
WITHLACOOCHEE STATE FOREST
Devils Creek Swamp
471
Cross Creek Swamp
Withlacoochee River
Scale
0.5 1 2 3 4 5 6 Kilometers

SUMTER COUNTY

COLONY NUMBER: 611029 **COUNTY**: Sumter

COLONY NAME: Bamboo (Hogeye Sink) **LAT. - LONG.**: 28°48' - 82°01'

TOWNSHIP: 19S **RANGE**: 23E **SECTION**: 28 **1/4 SECTION**: SW

DESCRIPTION: Colony site: Willow pond.
Habitat surrounding colony: Willows, freshwater marsh, and pasture
Colony area: 1976 - 0.6 ha 1978 - 1.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km (highway)

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Anhinga	+	---	---	empty
Great Blue Heron	---	1-5	2	
Little Blue Heron	---	---	+	
Cattle Egret	1500-2000	3500+	4000	
Great Egret	+	5-10	5-10	
TOTALS	1500-2000+	3506-3515+	4007-4012+	0

COLONY NUMBER: 611030 **COUNTY:** Sumter

COLONY NAME: Merritt Pond **LAT. - LONG.:** 28°33' - 82°01'

TOWNSHIP: 22S **RANGE:** 23E **SECTION:** 21 **1/4 SECTION:**

DESCRIPTION:
Colony site: Swamp hardwoods and shrubs in pond.
Habitat surrounding colony: Maple strand and freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Maples, willows, and elderberry over water.
Proximity to human disturbance: <0.8 km

Note: Colony in 2 parts; subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Cattle Egret	600-700	700
White Ibis	+	150
TOTALS	600-700+	850

COLONY NUMBER: 611031 **COUNTY:** Sumter

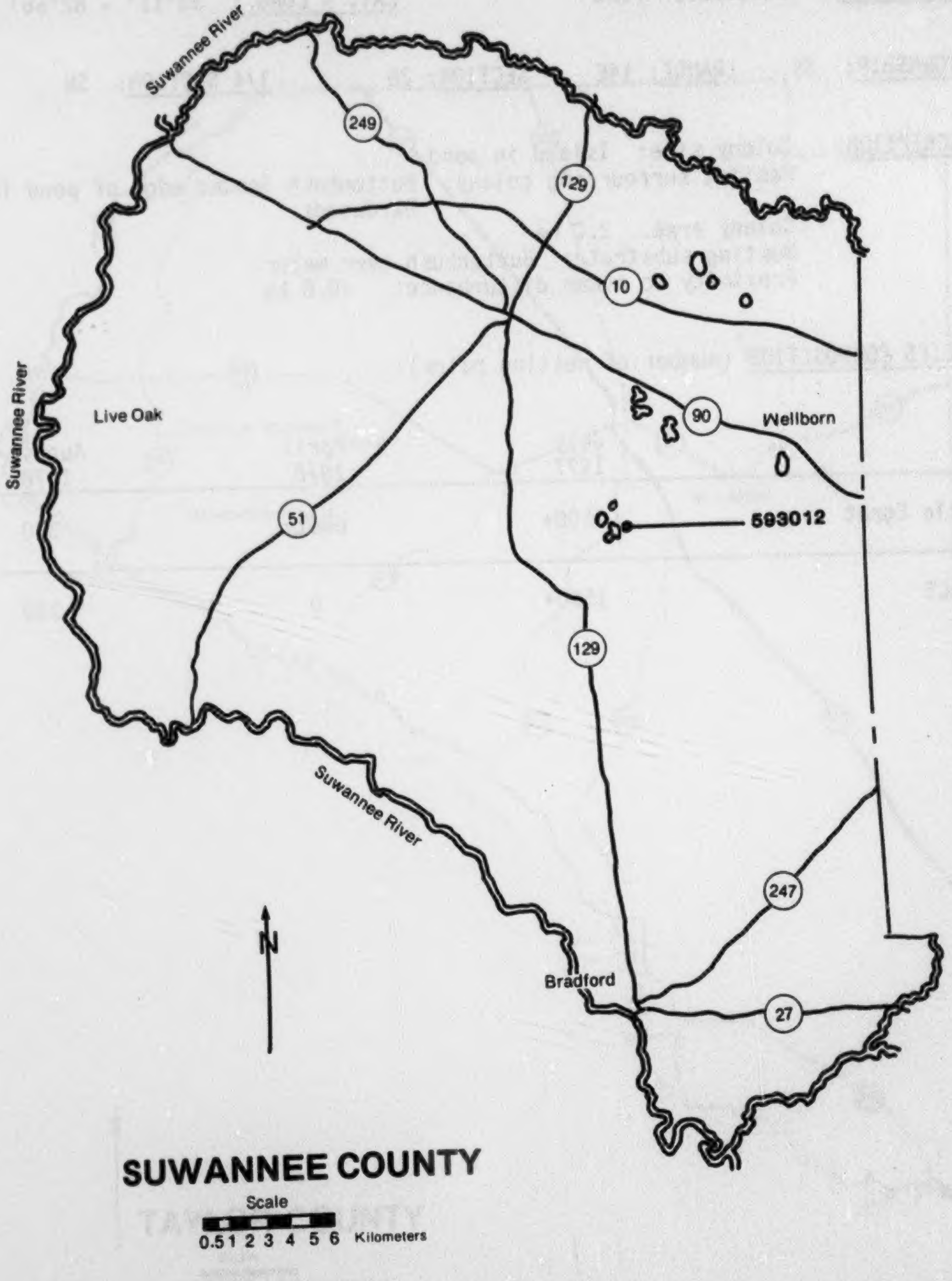
COLONY NAME: Panasoffkee **LAT. - LONG.:** 28°50' - 82°08'

TOWNSHIP: 19S **RANGE:** 22E **SECTION:** 17 **1/4 SECTION:** SW

DESCRIPTION: Colony site: Three large flat-topped cypress.
Habitat surrounding colony: Cypress along creek and edge of lake.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978
Great Blue Heron	5	empty
Wood Stork	38-40 (plus 10-12 empty nests)	
TOTALS	43-45	0



SUWANNEE COUNTY

Suwannee River
249
129
10
90
Wellborn
Live Oak
Suwannee River
51
593012
129
Suwannee River
247
Bradford
27
N
Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 593012 COUNTY: Suwannee

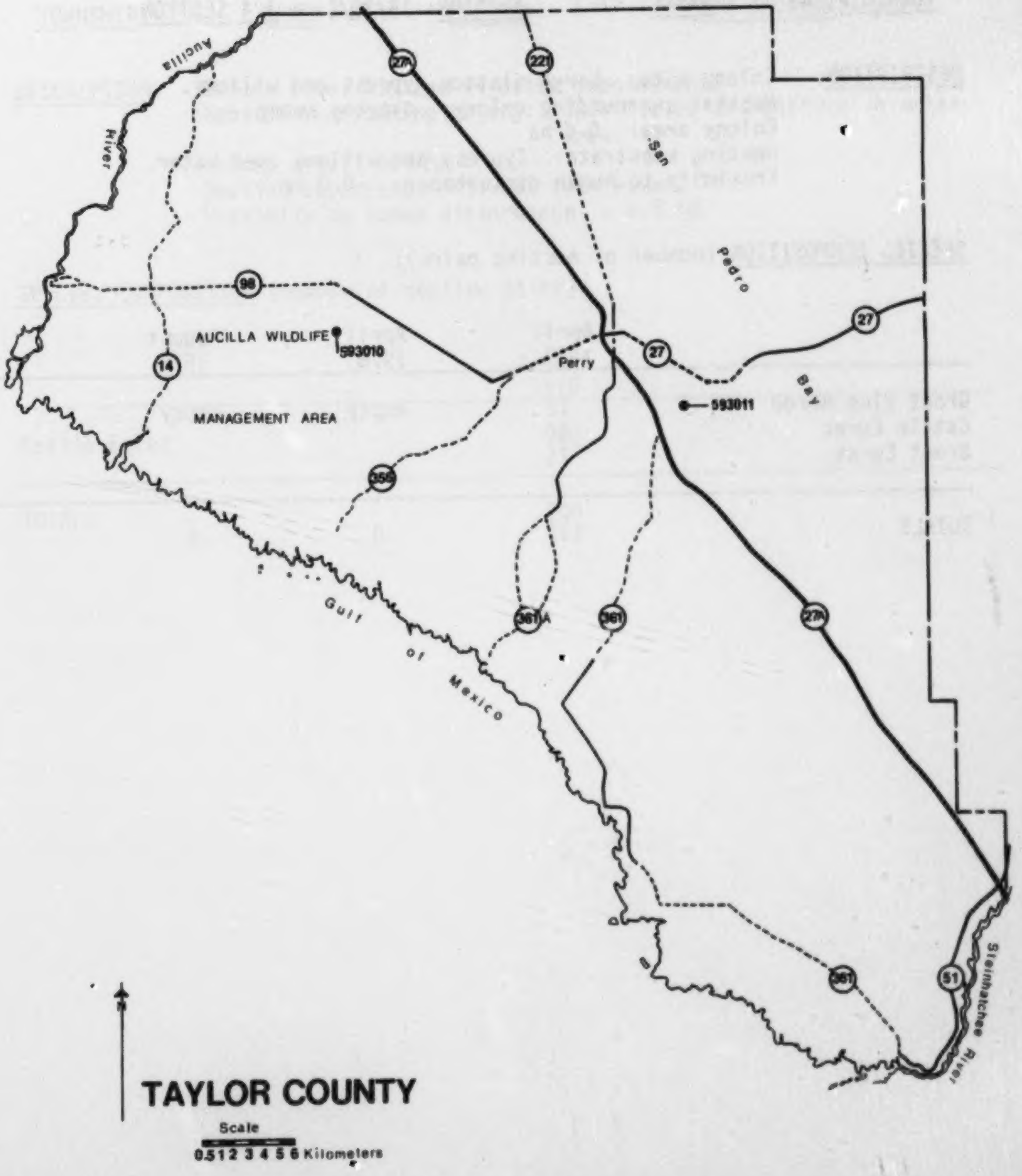
COLONY NAME: Buttonbush Pond LAT. - LONG.: 30°11' - 82°56'

TOWNSHIP: 3S RANGE: 14E SECTION: 28 1/4 SECTION: SW

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Buttonbush around edge of pond in hardwoods.
Colony area: 2.0 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Cattle Egret	1500+	empty	350
TOTALS	1500+	0	350


Aucilla
River
27A
221
San
Pedro
Bay
98
27
27
AUCILLA WILDLIFE
593010
14
Perry
593011
MANAGEMENT AREA
356
361A
361
27A
Gulf
of
Mexico
361
51
Steinhatchee
River
N
TAYLOR COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 593010 COUNTY: Taylor

COLONY NAME: Aucilla LAT. - LONG.: 30°07' - 83°47'

TOWNSHIP: 4S RANGE: 5/6 SECTION: 19/30/25 1/4 SECTION:

DESCRIPTION: Colony site: Large flattop cypress and willows.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.4 ha
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	August 1978
Great Blue Heron	12	empty	empty
Cattle Egret	50		
Great Egret	75		
TOTALS	137	0	0

COLONY NUMBER: 593011

COUNTY: Taylor

COLONY NAME: Perry

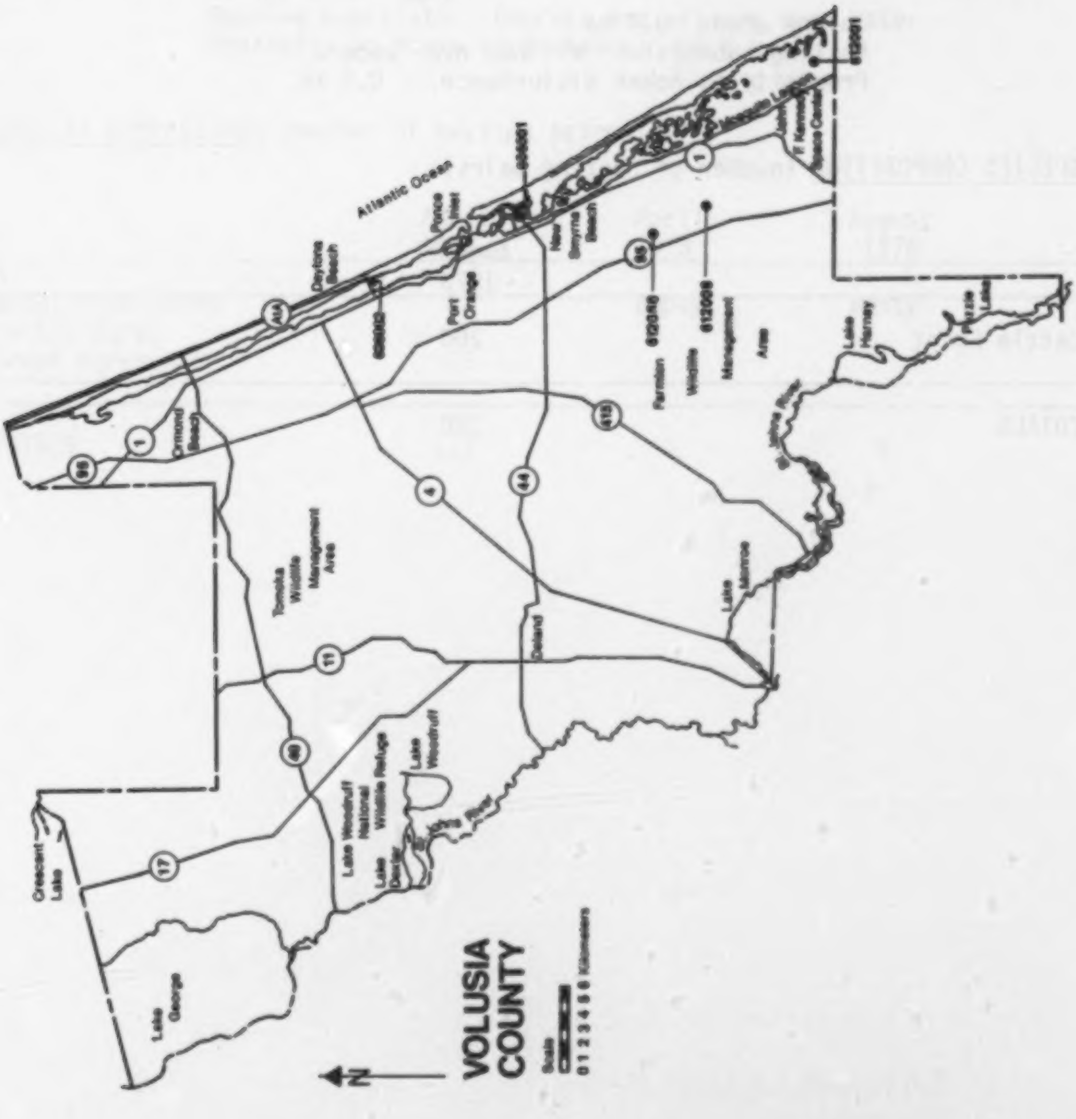
LAT. - LONG.: 30°04' - 83°33'

TOWNSHIP: 5S RANGE: 8E SECTION: 5 1/4 SECTION: S

DESCRIPTION:
Colony site: Island in water impoundment.
Habitat surrounding colony: Open fields and pasture in urban area.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Cattle Egret	200
TOTALS	200


VOLUSIA COUNTY
Scale
0 1 2 3 4 5 6 Kilometers
N
Atlantic Ocean
Lake George
Crescent Lake
Lake Dexter
Lake Woodruff National Wildlife Refuge
Lake Woodruff
St. Johns River
Tomoka Wildlife Management Area
Deland
Lake Monroe
Ormond Beach
Daytona Beach
Port Orange
Ponce Inlet
New Smyrna Beach
Farmton Wildlife Management Area
Mosquito Lagoon
John F. Kennedy Space Center
Lake Harney
Puzzle Lake
612001
608001
608002
612016
612008
A1A
1
95
4
11
17
40
44
415

COLONY NUMBER: 606001 **COUNTY**: Volusia

COLONY NAME: New Smyrna Beach **LAT. - LONG.**: 29°02' - 80°55'

TOWNSHIP: 17S **RANGE**: 34E **SECTION**: 17 **1/4 SECTION**:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: <0.8 km

Note: Colony was on 2 islands in July 1977; data combined for that census.

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	Ground check June 1976	April 1977	Ground check July 1977	July 1978
Brown Pelican	35	35*	---	---	Colony active but not censused
Great Blue Heron	---	---	+	---	
Little Blue Heron	---	---	300	50	
Cattle Egret	700	300	500	150+	
Great Egret	75	20	300	12	
Louisiana Heron	---	60	100	50	
Black-crowned Night Heron	---	6	---	+	
White Ibis	---	230	400	85	
TOTALS	810	616 35*	1600+	347+	

*non-nesting individuals

COLONY NUMBER: 606002 **COUNTY:** Volusia

COLONY NAME: Port Orange **LAT. - LONG.:** 29°09' - 80°59'

TOWNSHIP: 16S **RANGE:** 33E **SECTION:** 2 **1/4 SECTION:**

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 1.6 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: <0.8 km

Note: Colony was on two islands in April 1977; not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check July 1976	April 1977	August 1978
Brown Pelican	350	80	550-600	700
Double-crested Cormorant	---	30	200	---
Great Blue Heron	---	---	50	---
Little Blue Heron	50	25	---	---
Cattle Egret	200	225	200+	1500±
Great Egret	100	6	300++	---
Snowy Egret	---	10	---	---
Louisiana Heron	50	25	---	---
Black-crowned Night Heron	---	20	---	---
White Ibis	---	---	+	---
TOTALS	750	421	1300-1350+	2200±

COLONY NUMBER: 612001 **COUNTY:** Volusia

COLONY NAME: Mosquito Lagoon
(Bird Island) **LAT. - LONG.:** 28°49' - 80°46'

TOWNSHIP: 19S **RANGE:** 35E **SECTION:** Bird Island **1/4 SECTION:**

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 2.4 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	April 1977	April 1978	August 1978
Brown Pelican	338	35	450	Colony active but not censused	200-300
Double-crested Cormorant	175	80	---		---
Great Blue Heron	40	---	400		---
Little Blue Heron	---	20	---		---
Cattle Egret	275	180	---		
Great Egret	80	50	650		25-40+
Snowy Egret	50	35	---		---
Louisiana Heron	135	60	---		---
Black-crowned Night Heron	25	30	---		---
TOTALS	1118	490	1500		225-340+

COLONY NUMBER: 612008 **COUNTY:** Volusia

COLONY NAME: West of Edgewater **LAT. - LONG.:** 28°54' - 80°54'

TOWNSHIP: 18S **RANGE:** 34E **SECTION:** 27 **1/4 SECTION:**

DESCRIPTION:
Colony site: Large flattop cypress.
Habitat surrounding colony: Cypress and pine flatwoods.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	July 1978
Great Blue Heron	empty	empty	60	empty	empty
TOTALS	0	0	60	0	0

COLONY NUMBER: 612050 **COUNTY:** Volusia

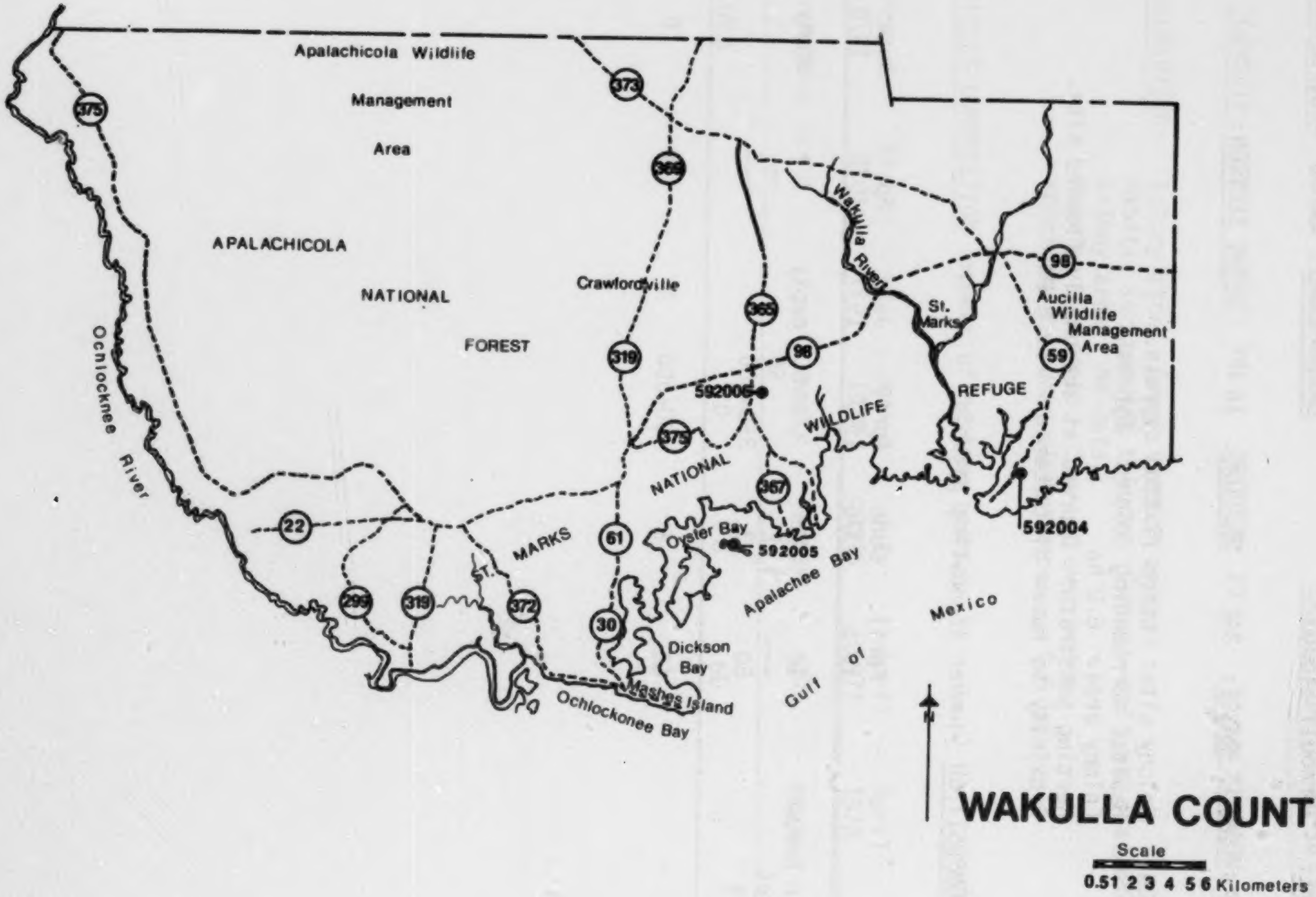
COLONY NAME: Turnbull Slough **LAT. - LONG:** 28°56' - 80°55'

TOWNSHIP: 18S **RANGE:** 34E **SECTION:** 16 **1/4 SECTION:**

DESCRIPTION:
Colony site: Large flattop cypress.
Habitat surrounding colony: Cypress.
Colony area: 8.0 ha
Nesting substrate: Cypress at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	18	1	50	empty	+	empty
Great Egret	---	2	50		---	
Wood Stork	50	3	350-400		---	
TOTALS	68	6	450-500	0	+	0


Apalachicola Wildlife
Management
Area
APALACHICOLA
NATIONAL
FOREST
Crawfordville
Ochlocknee River
375
373
369
365
319
98
59
375
367
22
299
319
372
61
30
Wakulla River
St. Marks
Aucilla Wildlife Management Area
REFUGE
WILDLIFE
NATIONAL
ST. MARKS
592006
592005
592004
Oyster Bay
Apalachee Bay
Dickson Bay
Mashes Island
Ochlockonee Bay
Gulf of Mexico
N
Scale
0.5 1 2 3 4 5 6 Kilometers

WAKULLA COUNTY

COLONY NUMBER: 592004 **COUNTY:** Wakulla

COLONY NAME: Headquarters Pond - St. Marks **LAT. - LONG.:** 30°05' - 84°10'

TOWNSHIP: 4S **RANGE:** 2E **SECTION:** 31 **1/4 SECTION:**

DESCRIPTION:
Colony site: Island in pond.
Habitat surrounding colony: Water and freshwater marsh.
Colony area: 0.2 ha
Nesting substrate: Shrubs.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977
Great Blue Heron	1	empty
Great Egret	10	
TOTALS	11	0

COLONY NUMBER: 592005 **COUNTY:** Wakulla

COLONY NAME: Apalachee Bay **LAT. - LONG.:** 30°03' - 84°19'

TOWNSHIP: 5S **RANGE:** 1W **SECTION:** Palmetto and Smith Islands **1/4 SECTION:**

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: 1.2 ha
Nesting substrate: Salt bush and herbaceous vegetation at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

Note: Colony on two islands; not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Little Blue Heron	---	20	---	---	---
Cattle Egret	---	50	---	50	6
Great Egret	12	20	125	100	---
Snowy Egret	30	20	---	---	---
Louisiana Heron	50	25	200	70	---
Black-crowned Night Heron	6	12	50	---	---
TOTALS	98	147	375	220	6

COLONY NUMBER: 592006 **COUNTY:** Wakulla

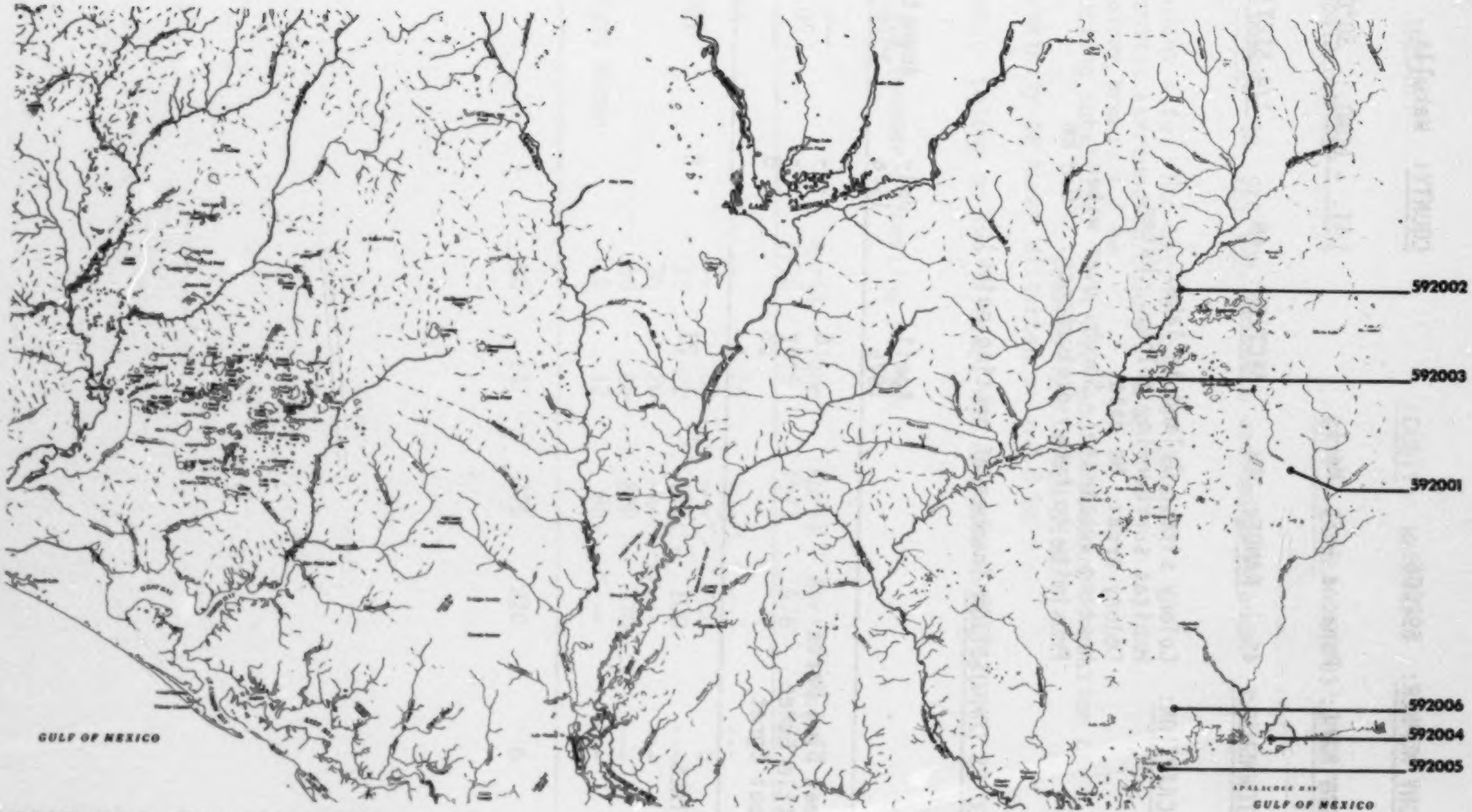
COLONY NAME: Panacea - St. Marks **LAT. - LONG.:** 30°08 ' - 84°18'

TOWNSHIP: 4S **RANGE:** 1W **SECTION:** 48 **1/4 SECTION:** NE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Shrubs over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	August 1978
Great Blue Heron	6	---	---
Cattle Egret	---	---	70
Great Egret	15	8	---
TOTALS	21	8	70


592002
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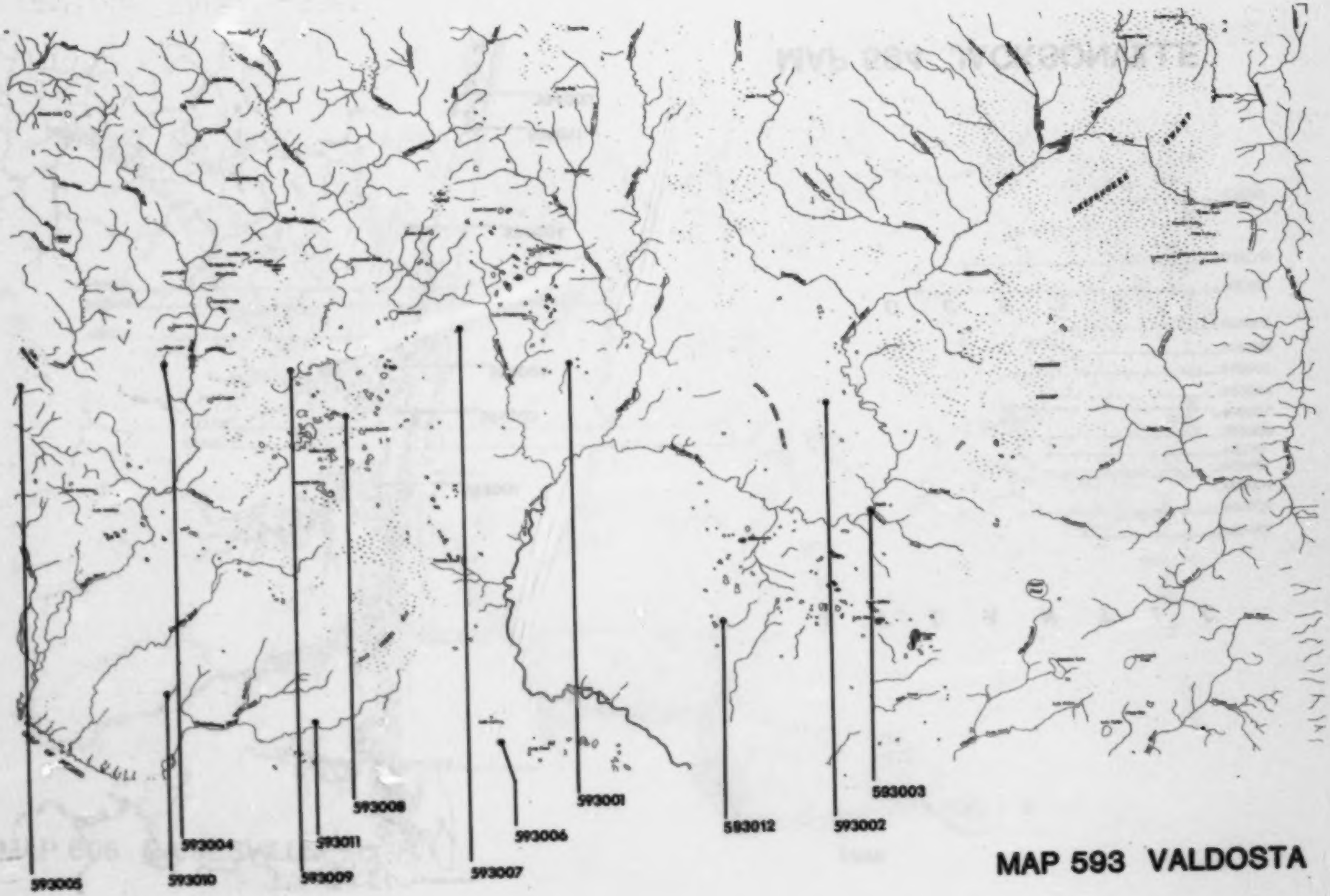
592001
592006
592004
592005
GULF OF MEXICO
APALACHEE BAY
GULF OF MEXICO

MAP 592 TALLAHASSEE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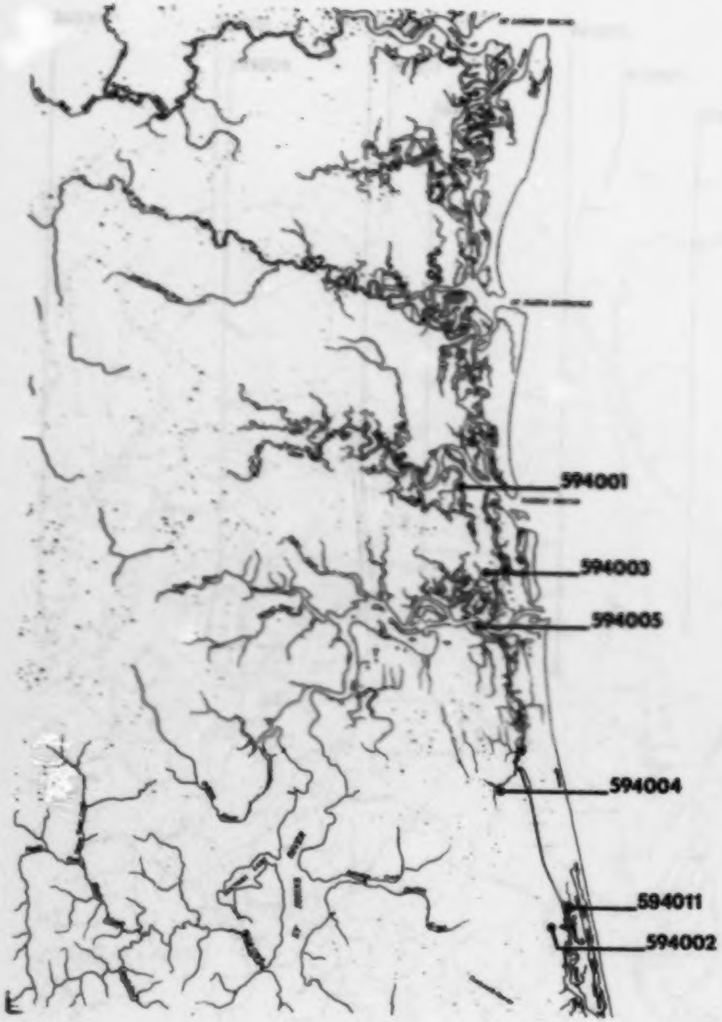
593005

MAP 593 VALDOSTA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594004
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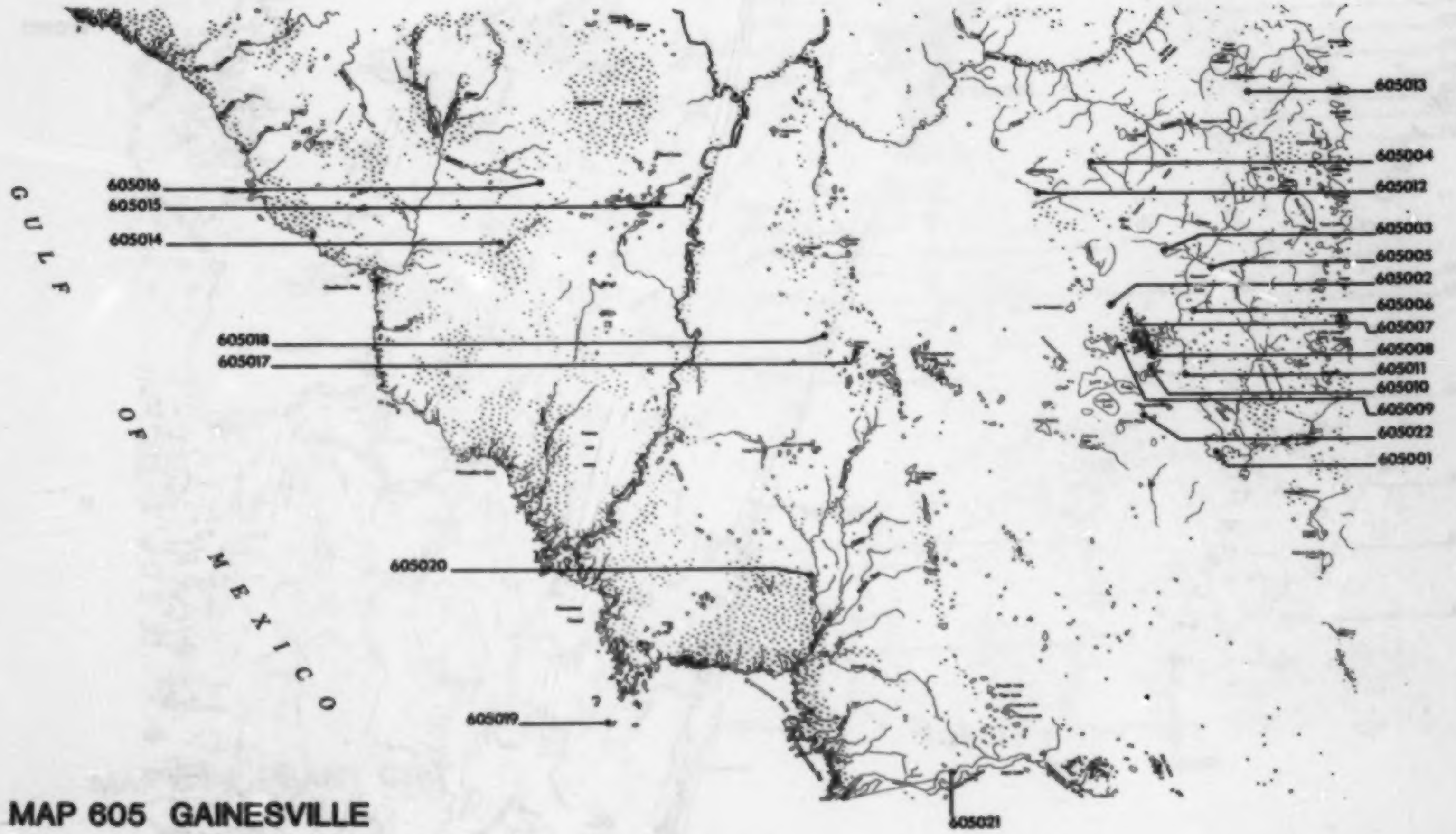
594002
ATLANTIC
OCEAN

MAP 594 JACKSONVILLE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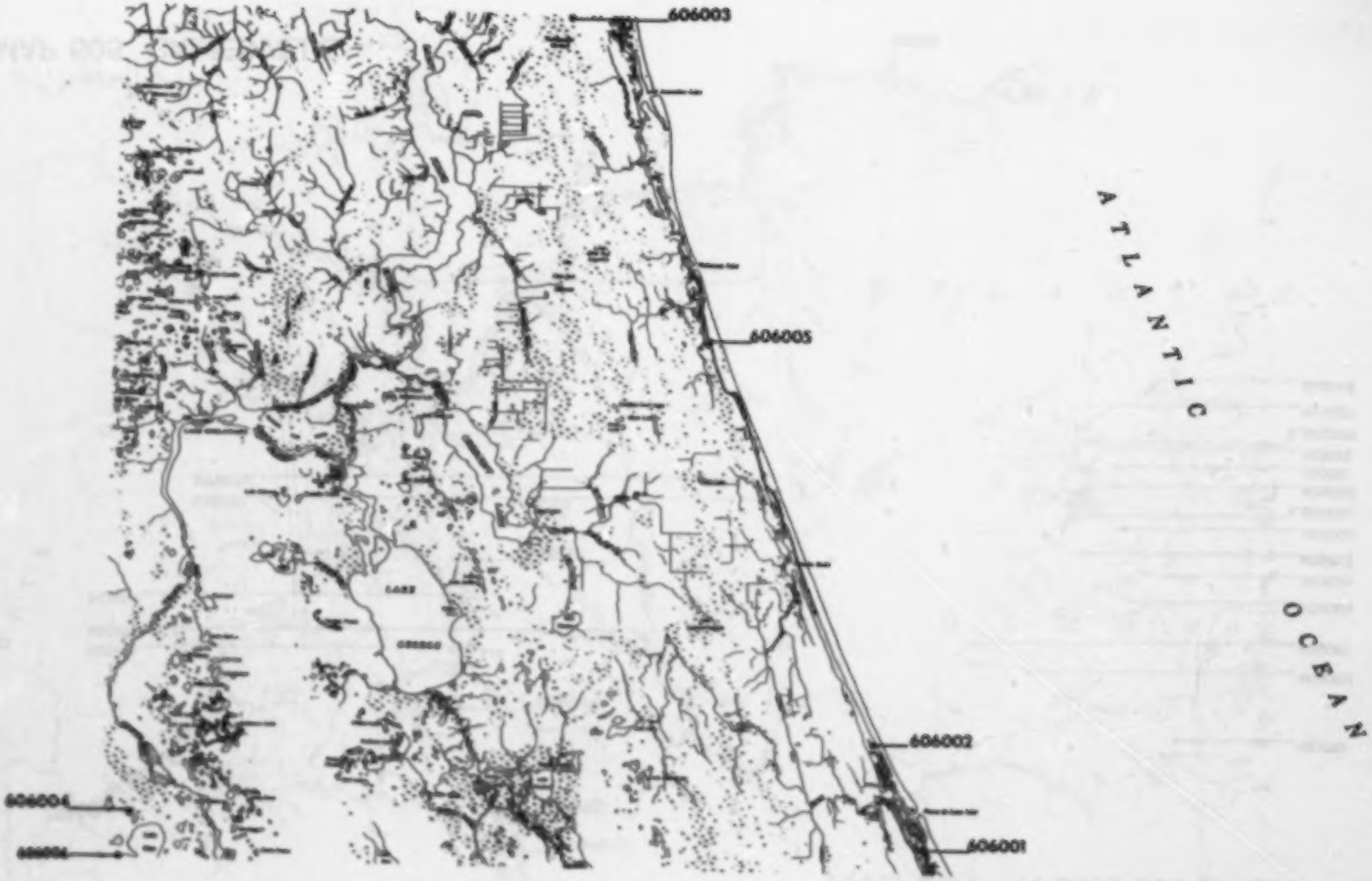
605014
GULF OF MEXICO
605018
605017
605020
605019
605021

MAP 605 GAINESVILLE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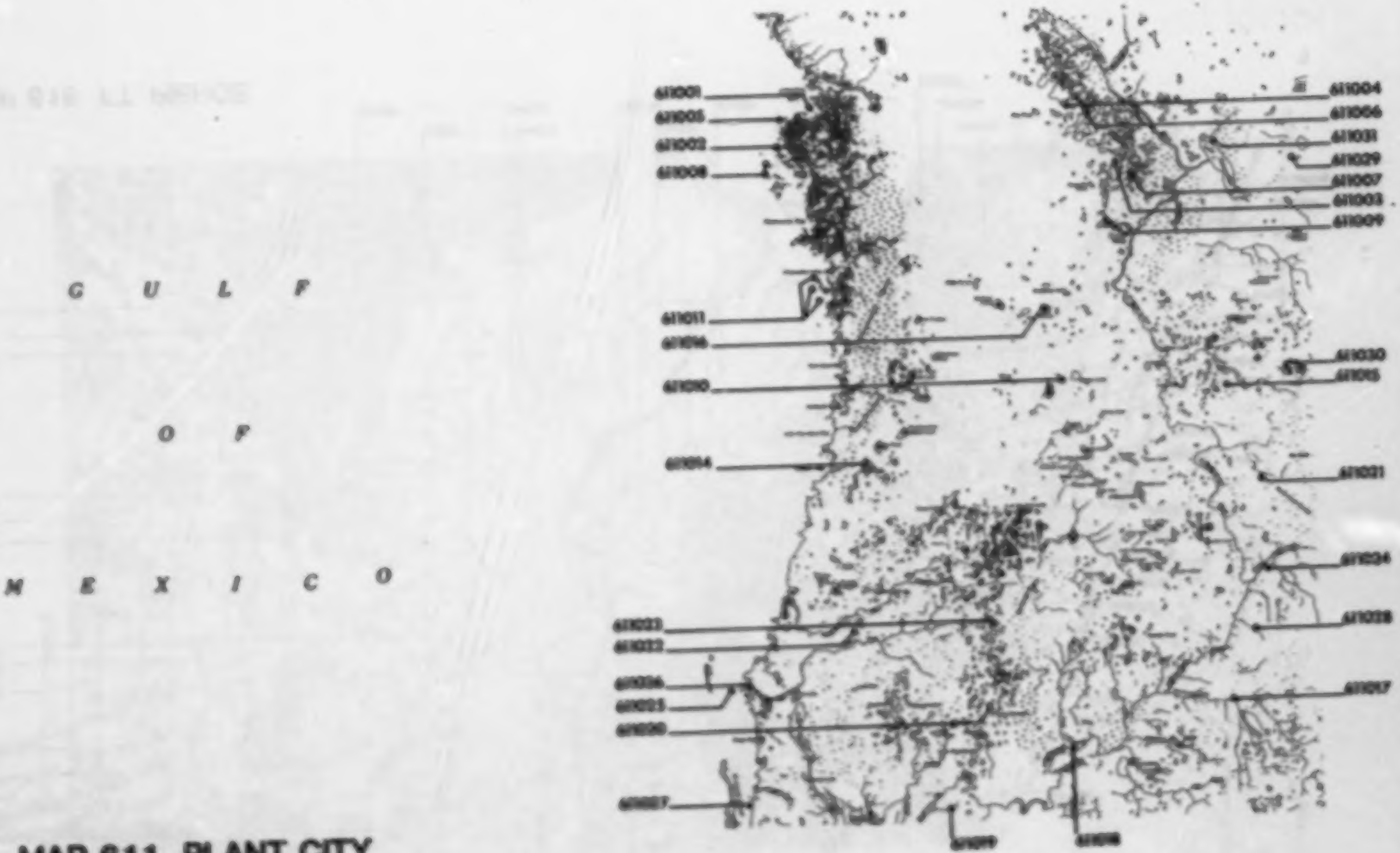
606001
606004
ATLANTIC
OCEAN

MAP 606 DAYTONA BEACH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611006
611031
611029
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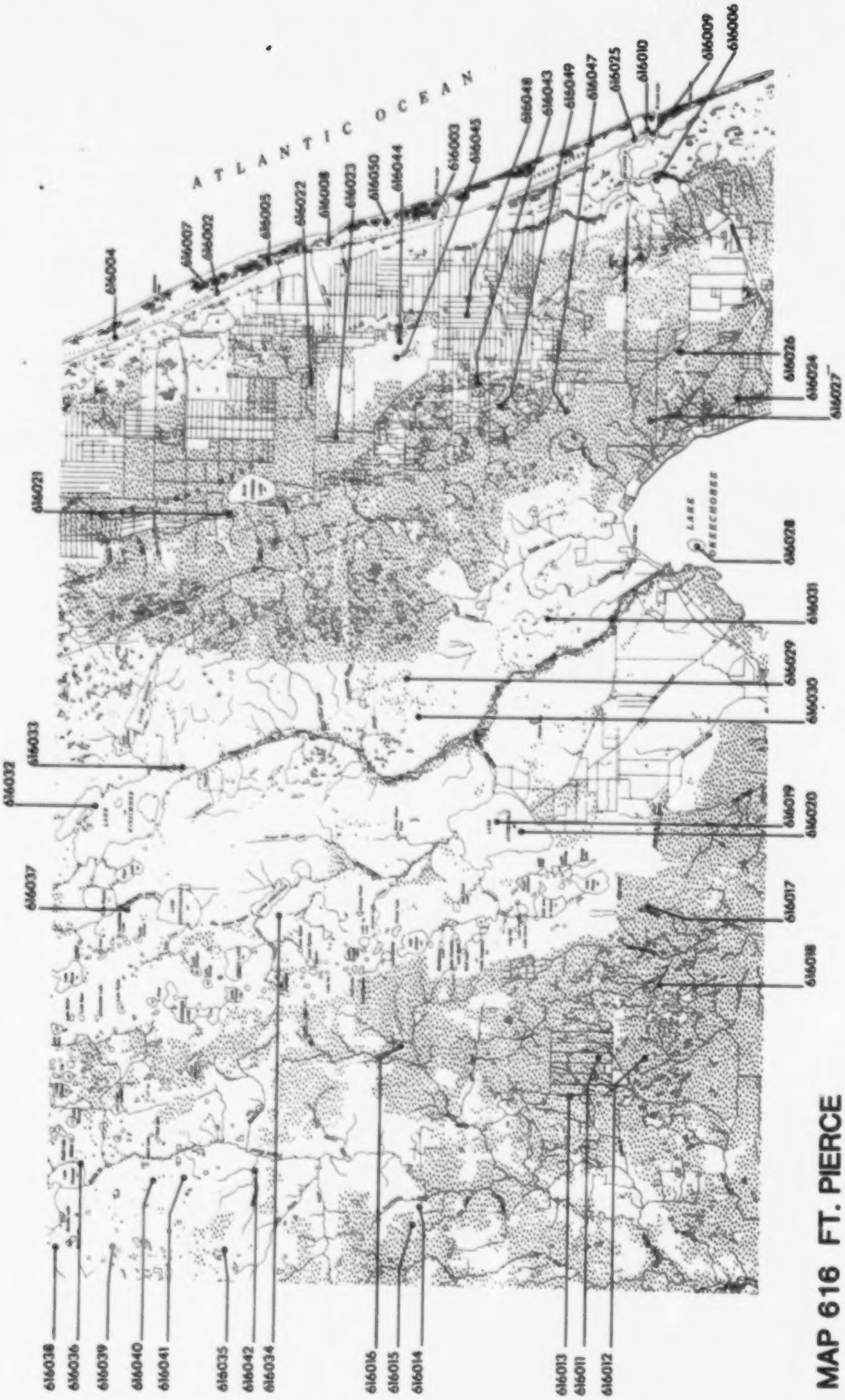
611017
G U L F
O F
M E X I C O

MAP 611 PLANT CITY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LAKE OKEECHOBEE
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616048
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616036
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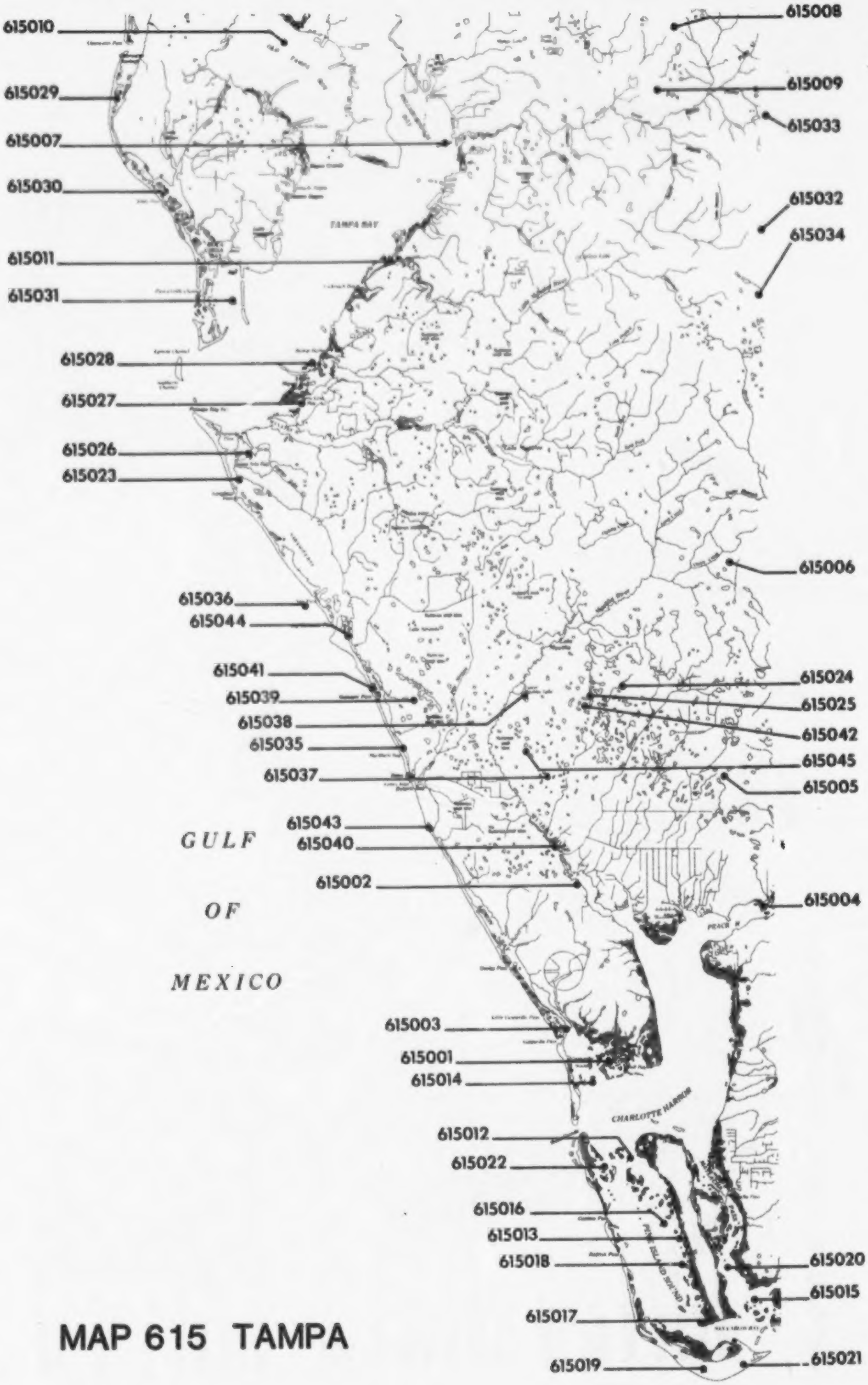
616011
616012

MAP 616 FT. PIERCE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TAMPA BAY
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615041
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615025
615038
615042
615035
615045
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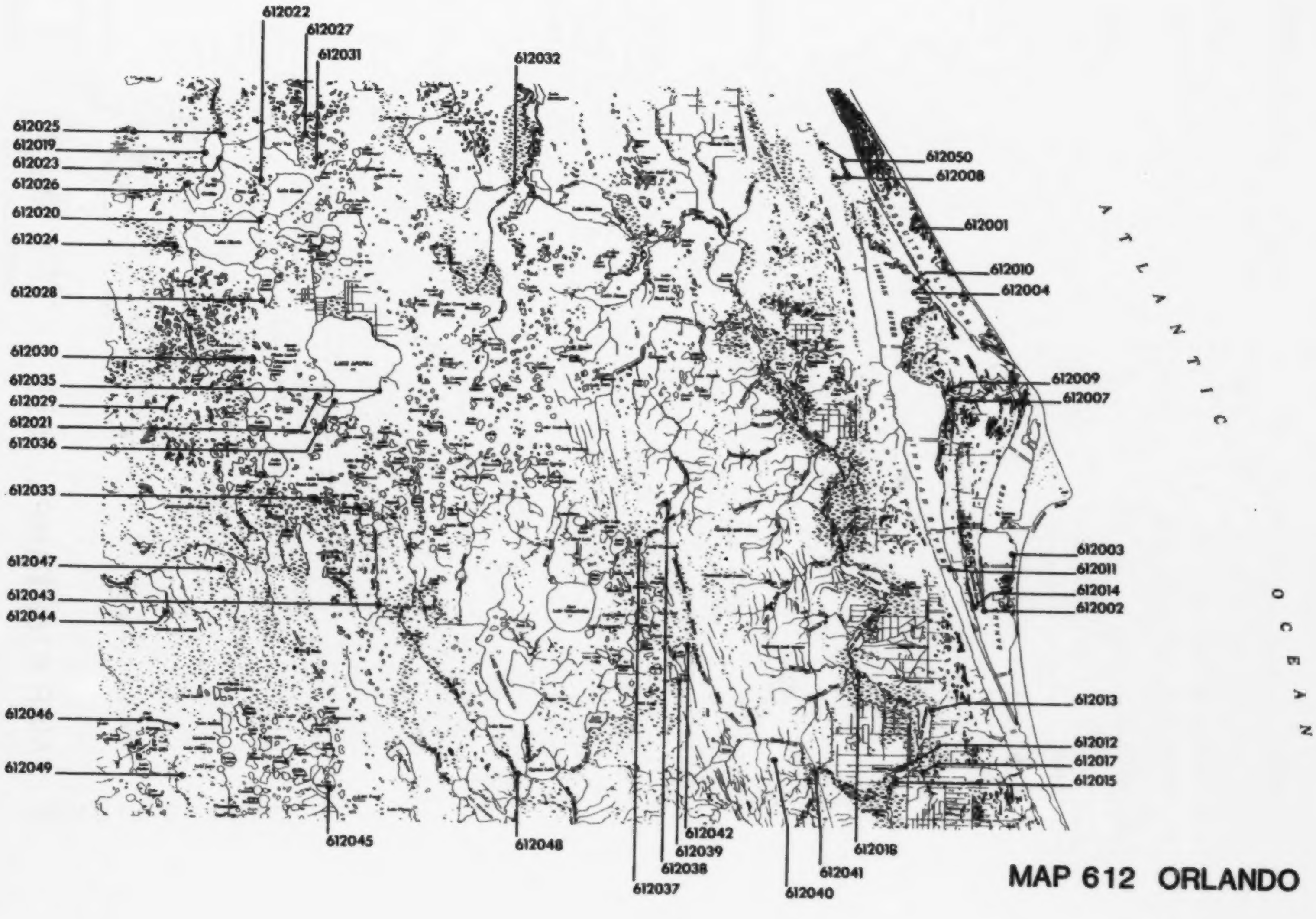
615005
615043
GULF
615040
615002
615004
OF
MEXICO
615003
615001
615014
CHARLOTTE HARBOR
615012
615022
615016
615013
PINE ISLAND SOUND
615018
615020
615015
615017
615019
615021

MAP 615 TAMPA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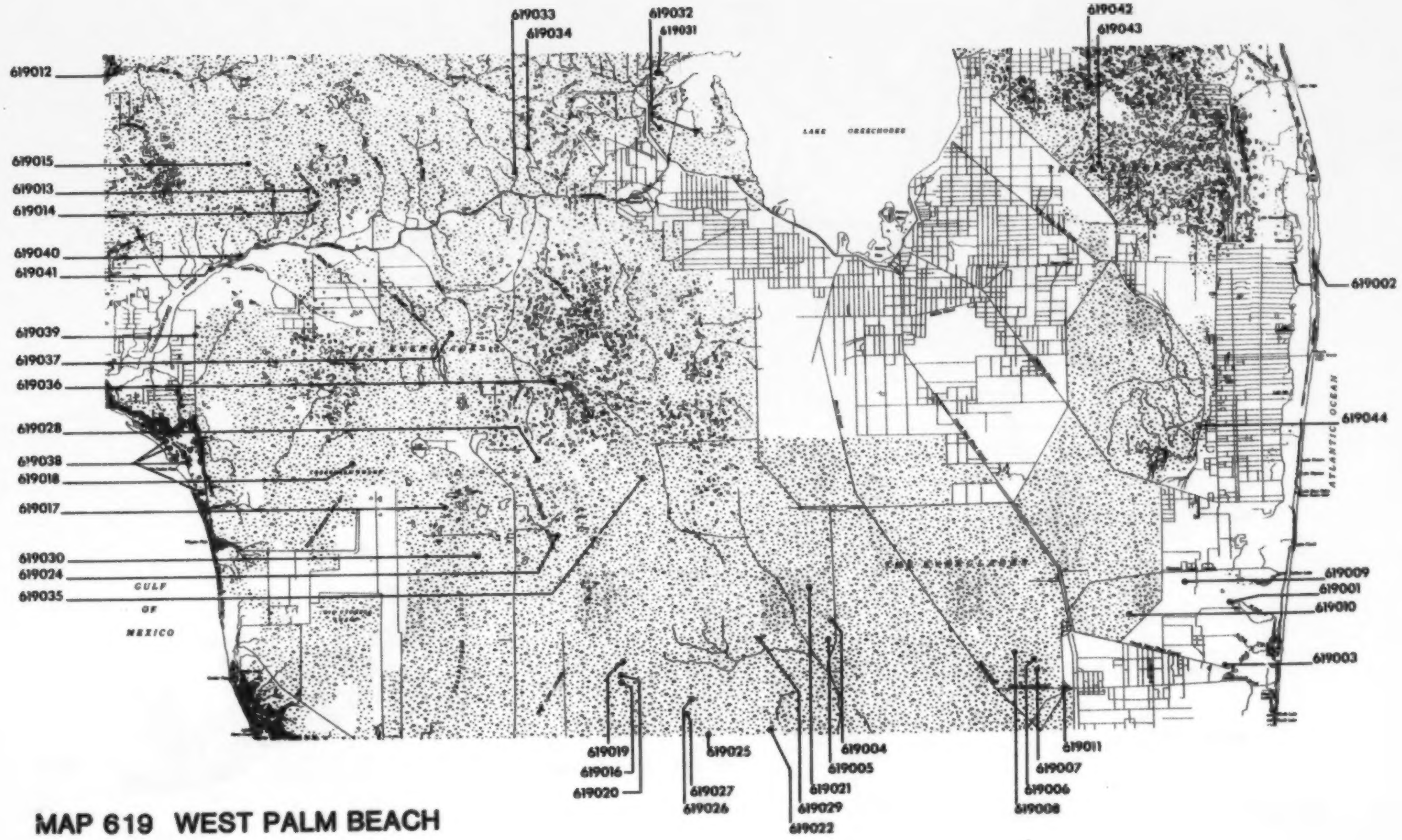
612015
ATLANTIC
OCEAN
MOSQUITO LAGOON
INDIAN RIVER

MAP 612 ORLANDO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619017
619030
619024
619035
LAKE OKEECHOBEE
THE EVERGLADES
GULF
OF
MEXICO
ATLANTIC OCEAN
619002
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619001
619010
619003
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619020
619025
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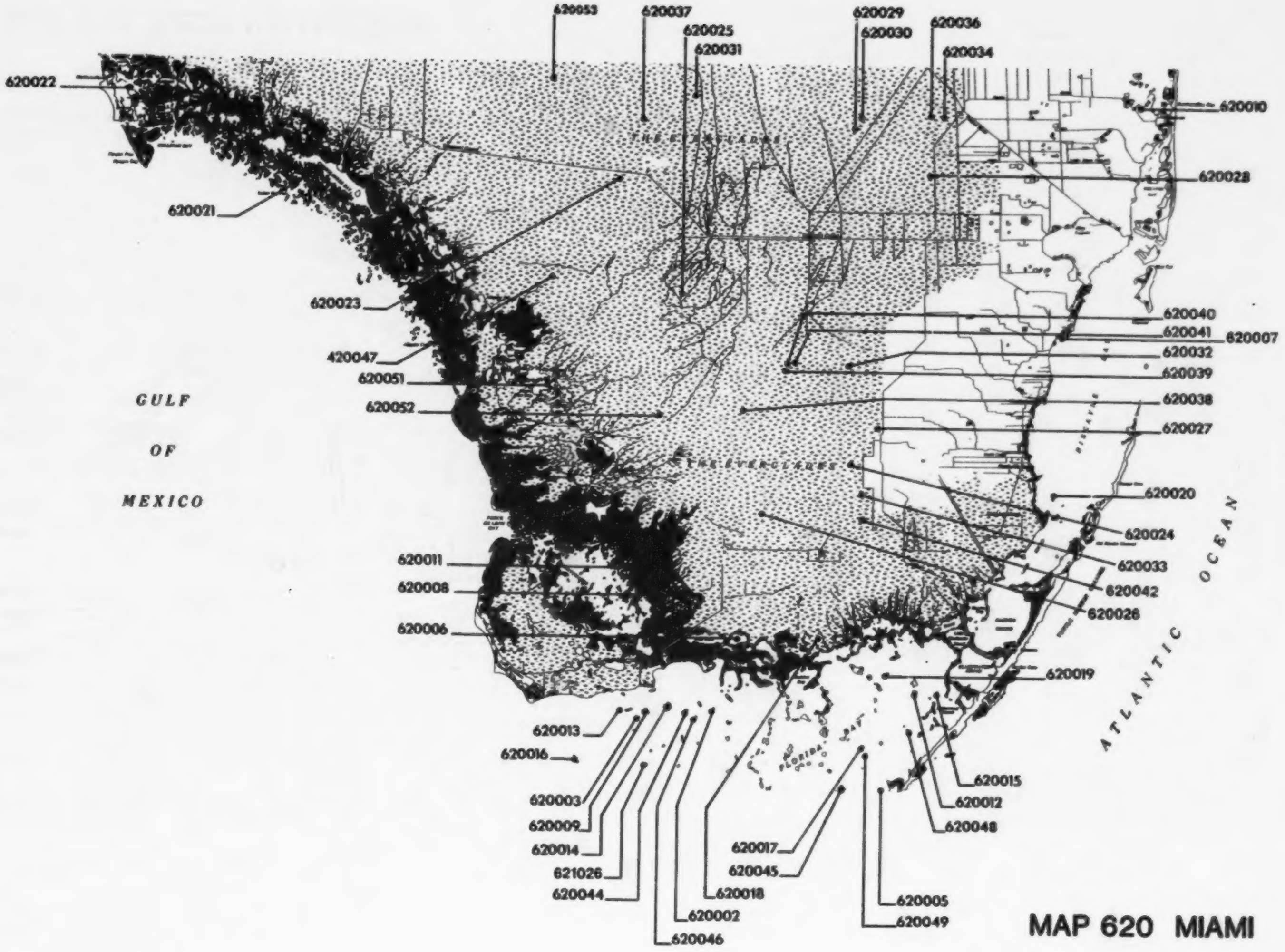
619007
619006
619008

MAP 619 WEST PALM BEACH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GULF
OF
MEXICO
THE EVERGLADES
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ATLANTIC OCEAN
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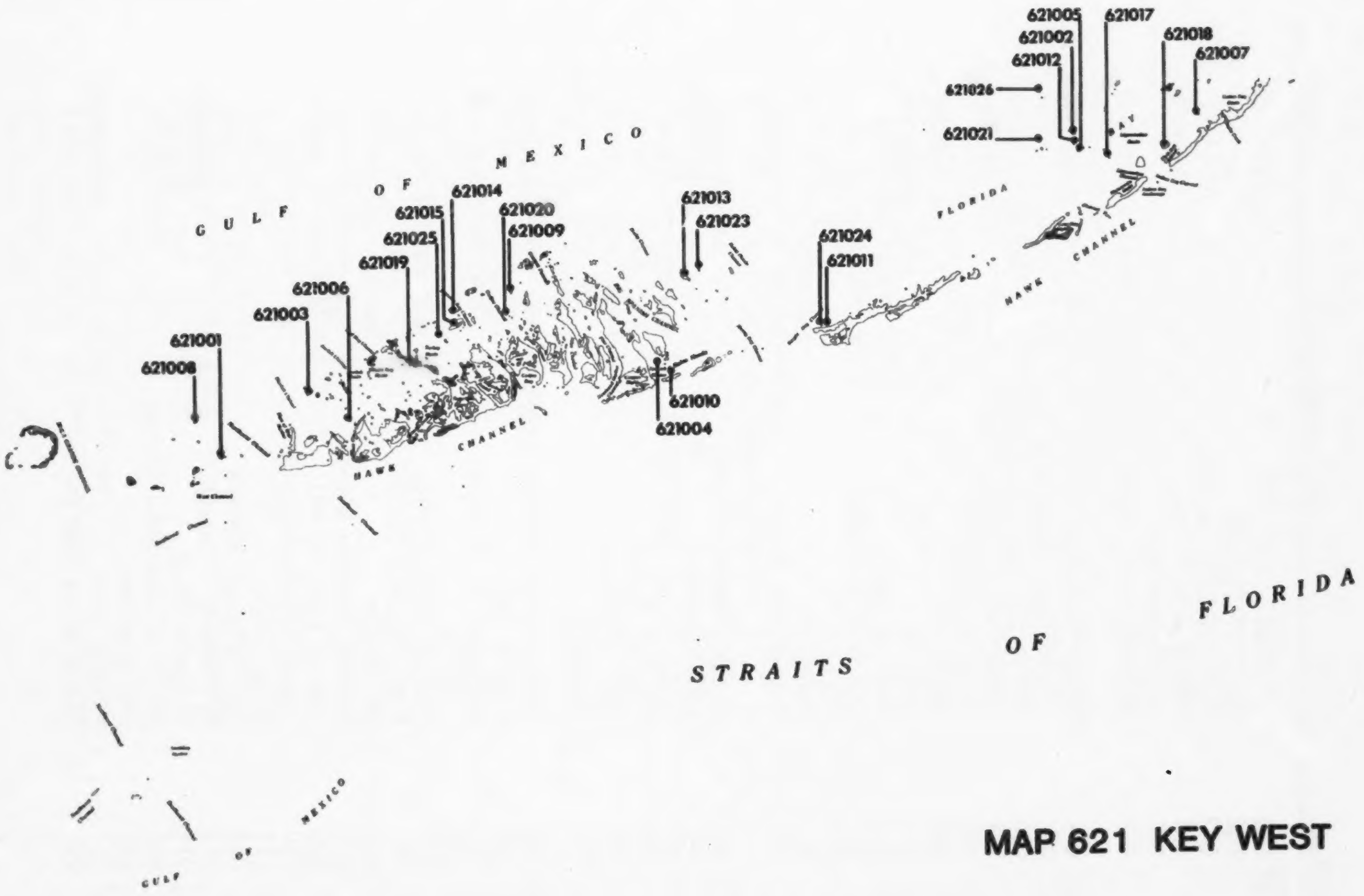
MAP 620 MIAMI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621010
621004
FLORIDA
HAWK CHANNEL
HAWK CHANNEL
STRAITS OF FLORIDA
GULF OF MEXICO

MAP 621 KEY WEST

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006	Panacea - St. Marks	"	419
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006	Mayo	Lafayette	202
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008	Madison West	"	249
009	St. John's Church	"	250
010	Aucilla	Taylor	408
011	Perry	"	409
012	Buttonbush Pond	Suwannee	406
594 001	Black Hammock Island	Duval	139
002	Cabbage Swamp	St. Johns	375
003	Cedar Point Road	Duval	140
004	Dee Dot Ranch	"	141
005	Fort Caroline	"	142
011	Tolomato	St. Johns	376
605 001	Bird Island (Orange Lake)	Alachua	15
002	Bivens Arm	"	16
003	Gainesville Airport	"	17
004	LaCross	"	18
005	Newnans Lake North	"	19
006	Newnans Lake South	"	20
007	Oak Grove	"	21
008	Paynes Prairie Dikes	"	22
009	Paynes Prairie 441	"	23
010	Paynes Prairie South	"	24
011	River Styx	"	25
012	San Falasco Hammock	"	26
013	Northwest of Hampton	Bradford	28
014	Pumpkin Swamp	Dixie	135
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005	Washington Oak	Flagler	144
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008	St. Martin's Islands (2 subcolonies)	"	76
009	Tsala Apopka South	"	78
010	East of Brooksville	Hernando	167
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022	Dupree Gardens	"	341
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024	Little Gator Creek	"	343
025	Anclote River Spoil	Pinellas	345
026	Mouth of the Anclote River (2 subcolonies)	"	346
027	Sand Keys	"	348
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030	Merritt Pond	"	403
031	Panasoffkee	"	404
612 001	Mosquito Lagoon (Bird Island)	Volusia	413
002	Buck Point-George and Brady Islands	Brevard	30
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009	Banana Creek	Brevard	35
010	Haulover Canal 2	"	36
011	Kewanis Pt.	"	37
012	Lake Sawgrass (2 subcolonies)	"	38
013	Lake Washington (2 subcolonies)	"	40
014	Newfound Harbor	"	42
015	Sawgrass	"	43
017	Sweetwater Camp (Camp Holly)	"	44
018	Winder South	"	45
019	Little Bird Island	Lake	204
020	Dead River	"	205
021	Gourd Neck	"	206
022	Haines Creek	"	207
023	Mouth of Haines Creek	"	208
024	Lake Denham Marsh	"	209
025	Lake Griffin Northeast	"	210
026	Lake Griffin South	"	211
027	Lake Yale	"	212
028	Little Lake Harris	"	213
029	Mascotte	"	214
030	Minneola	"	215
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048	Reedy Creek	"	359
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024	Deer Prairie Slough	"	253
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027	Terra Ceia Bay (Bird Island)	"	256
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034	Payne Creek	"	363
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020	Lake Istokpoga - Bumblebee Island	"	179
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025	Quakenassee	"	91
026	North of Quakenassee	"	92
027	Southwest of Quakenassee	"	93
028	Sadie Cypress	"	94
029	WD Ranch	"	95
030	Sunniland	"	96
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032	Moore Haven	"	150
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035	Boggy Slough	Hendry	163
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038	Estero Bay (4 subcolonies)	Lee	231
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The first atlas of heron colonies was published in 1978 (Osborn and Custer 1978) and covered the Atlantic coast from Maine to Florida for 1975 and 1976. This atlas is an update of heron colonies for the Atlantic coast of Florida and an initial heron colony coverage for the Florida gulf coast and inland colonies, 1976 through 1978.

Aerial surveys were conducted in April and mid-summer over the Florida peninsula, east of the Ochlockonee River. A total of 295 active nesting colonies, with 22 different species, were located in the three-year period.

Colony locations are shown on 1:250,000 USGS maps and Florida county maps. Colony data forms follow each county map and include information on location, date of census, estimated number of nesting pairs, site description, nesting substrate and proximity to human development.

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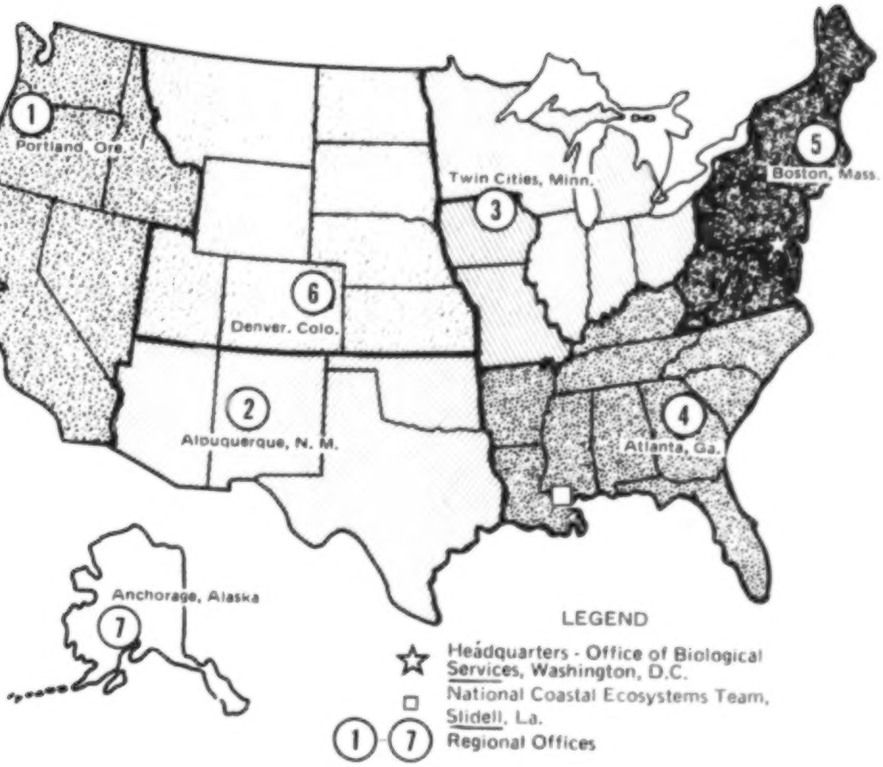
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